

# FILE NOTATION

Entered in NED File ..... ✓  
 Location Map Mapped .....  
 Card Indexed ..... ✓

Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

3.24-75

## COMPLETION DATA:

Date Well Completed 2-17-76

Location Inspected .....

OW ✓... WW..... TA.....  
 OS..... PA.....

Bond released .....  
 State or Fee Land .....

## LOGS FILED

Driller's Log.....

Geologic Logs (No.) .....

..... GR-M..... Micro.....

..... Sonic GR..... Lat..... Sonic.....

CBLog..... Colog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Shell Oil Company

## 3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1882' FNL &amp; 768' FEL Sec. 20

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx. 3 miles SW of Talmadge

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

768'

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

No Other

Well On Lease

## 19. PROPOSED DEPTH

13,800

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ungraded Gr. 6238

## 22. APPROX. DATE WORK WILL START\*

June 30, 1975

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	300'	Circulate to surface
12 1/4"	9 5/8"	36#	6500'	Cement Btm 2000'
8 3/4"	7"	26#	10,000'	Cement Btm 1000'
6 1/8"	5"	18#	13,800'	Cement Entire Length of Liner

Attached are copies of Certified Survey Plat, Land Use Development Plan and Seven  
Point Well Control Plans139.8  
OK

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

J. W. Kimmel TITLE Division Operations Engineer

DATE March 18, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

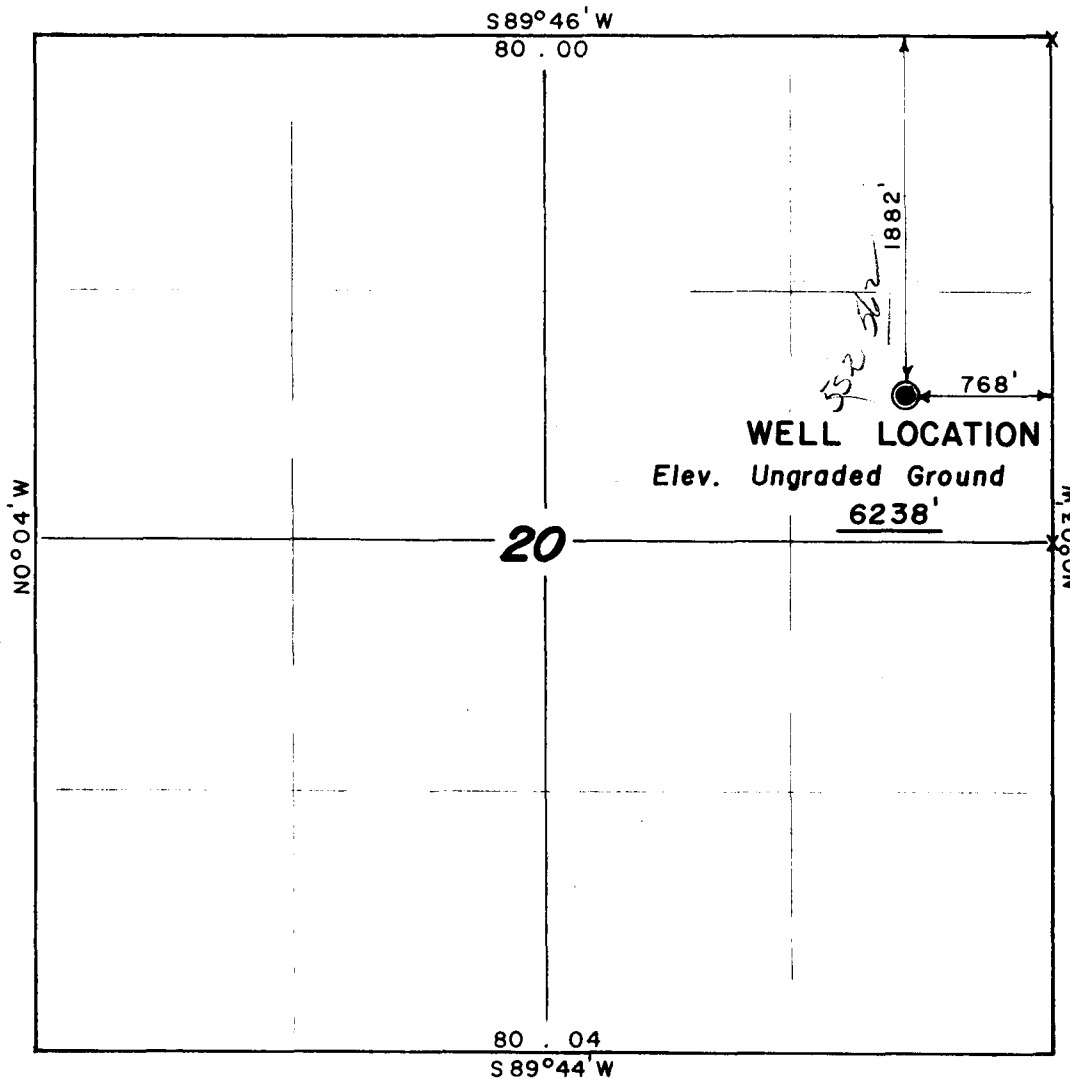
DATE

CONDITIONS OF APPROVAL, IF ANY:

CC: Utah Oil and Gas Conservation Commission w/attachment

\*See Instructions On Reverse Side

**T2S, R5W, U.S.B. & M.**



X= SECTION CORNERS LOCATED

PROJECT

**SHELL OIL COMPANY**

Well location, located as shown  
in SE 1/4 NE 1/4 Section 20, T2S,  
R5W, U.S.B. & M.

Duchesne County, Utah



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2/28/75
PARTY RK - ND - R.L.	REFERENCES GLO PLAT
WEATHER CLEAR & COLD	FILE SHELL OIL COMPANY

## SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Shell Oil Company 1-20B5  
SW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec 20 T23 R5W C  
Duchesne County, Utah  
T.L. 14-20-H62-2502  
Sept 19, 1973

Shell - Clyde Grady  
USGS - Daniels  
BIA - Declined

- ☐ Enhance  
☐ No effect  
☒ minor impact  
☒ major impact

Shell Oil Company 1-2085 SW¼ NE¼ Sec 20 T2S R5W Duchesne County, Utah T.L. 14-20-H62-2502 Sept 19, 1973 Shell- Clyde Grady USGS- Daniels BIA- Declined  <input checked="" type="checkbox"/> Enhance <input type="checkbox"/> No effect <input checked="" type="checkbox"/> minor impact <input checked="" type="checkbox"/> major impact		Construction	Pollution	Drilling Production	Transport Operations	Accidents	Other
Land Use	Forestry	NA					
	Grazing sheep	✓ O	/ /		/ O		
	Wilderness	No					
	Agriculture	NA					
	Residential-Commercial	NA					
	Mineral Extraction	✓					
	Recreation	✓ O		/	/	/	
	Scenic Views	✓ /	/	/ / /	/		
	Parks, Reserves, Monu- Monuments Known	None					
	Historical Sites	No Evidence					
Unique Physical Features	-						
Flora & Fauna	Birds	✓					
	Land Animals	✓	/ /	/ /			
	Fish	NA					
	Endangered Species	No Evidence					
	Trees, Grass, Etc.	✓ / / /	/		/ /	/	
Phy. Charact.	Surface Water	NA					
	Underground Water	✓					
	Air Quality	✓	/	/	/		
	Erosion	Critical-Med ✓ /	/		/		
	Other						
Effect On Local Economy Royalty ½ Indian		O		O O	O O		
Safety & Health ✓		O	/ /		/	/	
Others CC: OIGS, WRMA, Casper Reg. Mgr. - Denver L'Eon Feigt - State BIA w/o Matrix File							

ENVIRONMENTAL IMPACT ANALYSIS**1. Proposed Action**

Shell Oil Company proposes drilling an oil well to 8000 ft to be located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  (1 FNL  $\frac{1}{2}$  1 FEL) Sec 21 T 25 R 5W USM Duchesne Co., Utah. The well will be a development well in the Altamont field which has been developed on a pattern of one well per section. The allowed location is 2 NE $\frac{1}{4}$  with 660' tolerance. The location applied for is outside the tolerance. The well should test the known productive intervals in the tertiary formations. The lease on the entire section is Uintah and Ouray Ute Tribal lease 14-20-H22-2507. The land surface is privately owned.

The well is located in the deeper part of the Uinta Basin within the area known to contain abnormal pressures below about 10,000 feet. The land surface appears to be the contact between the Duchesne River and Uinta formations both of which are known to contain fresh water to depths of about 500 feet. Oil shale is present in the Green River formation below about 3,000 feet.

**2. Location and Natural Setting**

The location falls on a bench of tiered outcrops of Duchesne River and Uinta formations. The Duchesne River valley is about one air mile to the south of the well site. The topographic drainage leads toward the river. Topographic relief to the north of the well is about 500 ft/1/4 mile. Vegetation at the well site is desert shrub with fair grasses and forage. The access road would cross 1/4 mile of piñon-juniper. The area is used intermittently for sheep grazing. There is little recreation use due to current inaccessibility but the area could not be classed as wilderness. There are no Parks, Reserves or Monuments. There are no known endangered species. The usual desert fauna are present. There is sparse evidence of chippings but no significant archeologic sites were observed. Access would be gained by construction of 1/3 mile of new road.

**3. Effects on Environment by Proposed Action**

There would be little effect one way or the other on the environment. The well location is in an area that is now accessible only by walking or by horseback. It is out of sight of main roads and residences along the Duchesne River. The access road and location would create a scar that would be semi-permanent. There would be a temporary disturbance of wildlife. The dirt work would require about one week. The drilling and completing operations would require 6-9 months. If productive the life of production would be 30-50 years.

It would cost between \$750,000 and \$1,000,000 to drill and complete the well. It is in an area that should be oil productive. If completed, it would add about 1,000,000 barrels of oil and 1 MM McF of gas and associated NGL to the proved reserves.

-The Ute Tribe will receive a royalty of 1/3 of the production which should return about \$600,000 over the productive life of the field.

4. Alternatives to the Proposed Action

Not drilling the well

Drilling the well at the location specified in the field spacing rules. While there is an acceptable drill site within the tolerance, access could be gained only by construction of nearly a mile of shelf road along a cliff side. This would be less environmentally acceptable as well as more expensive.

5. Adverse Environmental Effects Which Cannot be Avoided

Temporary disturbance of wildlife.

Disturbance of aesthetics of a now undeveloped section of land.

Destruction of 6-8 acres of grazing land for which the landowner has been compensated. The land could not be used for grazing until the well and road are abandoned at which time it would be reclaimed.

6. Determination

This requested action (~~does~~) (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

  
District Engineer  
Geological Survey

9-19-73

## U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Attn: Clean Feight

Well	Location	Lease No.
Shell Oil Co. #1-20B5	1882' FNL, 768' FEL, sec. 20, T. 2 S., R. 5 W., Duchesne Co., Utah (USM). Gr.El. 6238'	Tribal 14-20-H62-2507
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> The well will spud in the Duchesne River Formation (Tertiary). Pan American Petroleum Corp. #34-19A-1 in sec. 19, same township, reported the Green River at 2517' and the Wasatch at 9755'.</p> <p>2. <b>Fresh Water Sands.</b> WRD report enclosed from sec. 18, same township (see page 2).</p> <p>3. <b>Other Mineral Bearing Formations.</b> Within oil shale withdrawal E.O. 5327. The (Coal, Oil Shale, Potash, Etc.) Evacuation Creek and Parachute Creek Members of the Green River Formation contain beds of oil shale but at substantial depths; probably at depths in excess of 3,500 ft.</p> <p>4. <b>Possible Lost Circulation Zones.</b> Lenticular sands of Uinta and Green River Formations.</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Unknown.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Unknown.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Probably adequate.</p> <p>8. <b>Additional Logs or Samples Needed.</b> None.</p> <p>9. <b>References and Remarks</b> Outside of KGS.</p>		
Date:	April 3, 1975	Signed: <i>Ronald E. Gunnufson</i>

Depths of fresh-water zones:

Shell Oil Co. (Rocky Mtn Div Prod), Ute no. 1-18B5

2,285' fnl, 2,055' fel, sec. 18, T.2 S., R.5 W., USBM,

Duchesne County, Utah

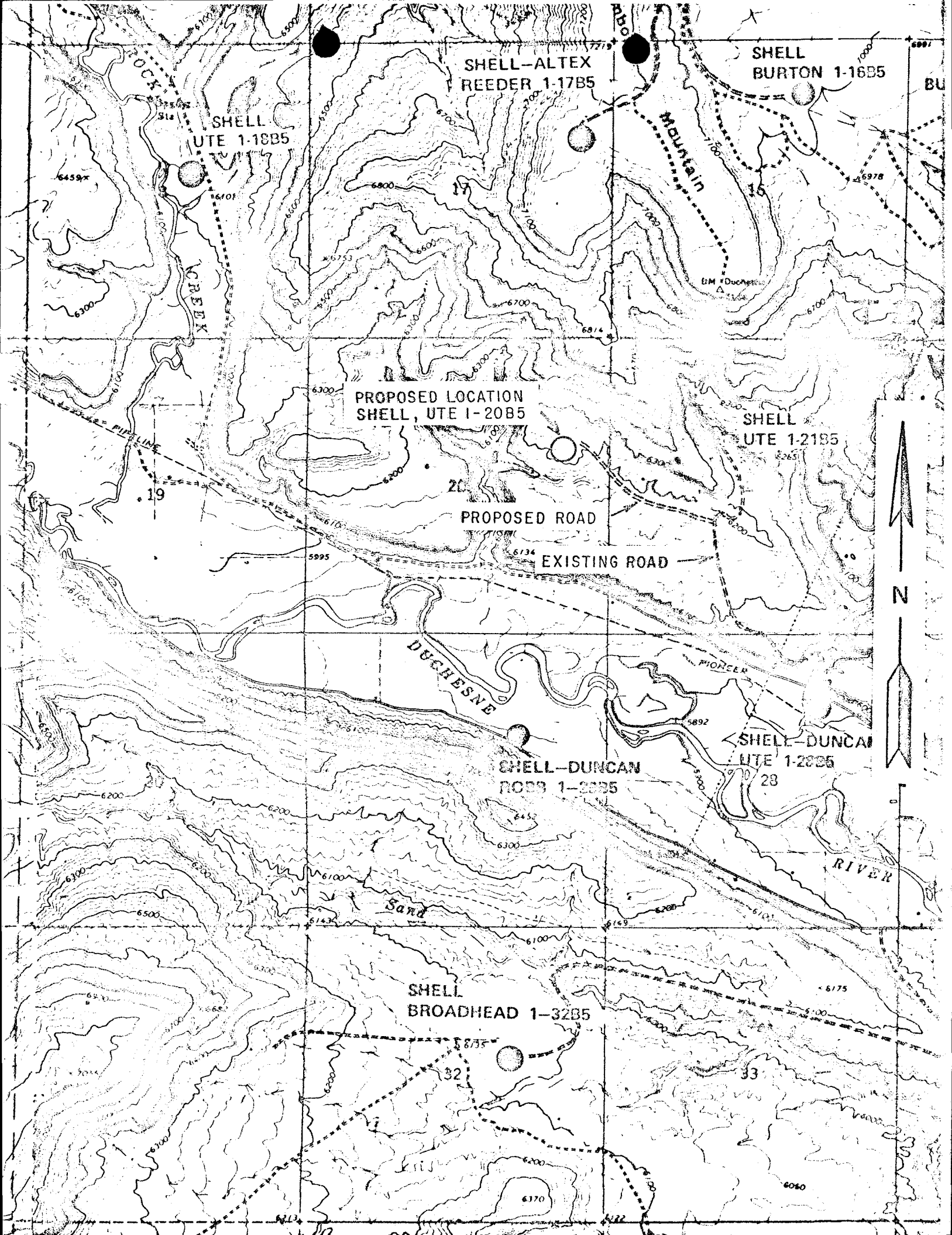
Elev 6,117 ft, test to 12,700 ft

<u>Stratigraphic units</u>	<u>Quality of water</u>
Duchesne River Fm	fresh
Uinta Fm	fresh/useable
Green River Fm	useable/saline and brine
Wasatch Fm	brine
Mesaverde Grp	brine

Water wells in the area do not exceed 500 ft in depth. Fresh or useable water may occur as deep as the upper one-third of the Green River Fm. Lower aquifers contain saline water or brine.

USGS/WRD  
2-4-71





PLANNED  
CASING, CEMENTING AND MUD PROGRAMS

CONDUCTOR CASING at approx. 300 '

<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
13 <sup>3</sup> / <sub>8</sub>	54.5 <sup>#</sup> /ft	K55	STC	300	New

Cement to be: Circulated to Surface

SURFACE CASING at approx. 6500 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	9 <sup>5</sup> / <sub>8</sub>	36 <sup>#</sup> /ft	K55	STC	6500	New

Cement to be: Circulated with fillup to 4500' - Bullhead Annulus w/600ft<sup>3</sup>

PROTECTIVE/PRODUCTION CASING at approx. 11,000 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	7	26 <sup>#</sup> /ft	'95'	LTC	1000	New
2	7	26 <sup>#</sup> /ft	N80	LTC	10,000	New

Cement to be: Circulated with fillup to 9000'

PRODUCTION LINER at approx. 13800 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	5"	18 <sup>#</sup> /ft	N80	SFJP	3000	New

Cement to be: Circulated full length of liner

Max. Anticipated BHP: 9400 psi @ 13800 ft.

Well Name UTE 1-20B5

Drilling Fluid: 0 - 10000': Clear Water

Field ALTAMONT

10,000'-TD: Weighted, low-lime, gel-chem, fresh water mud

County DUCHESNE

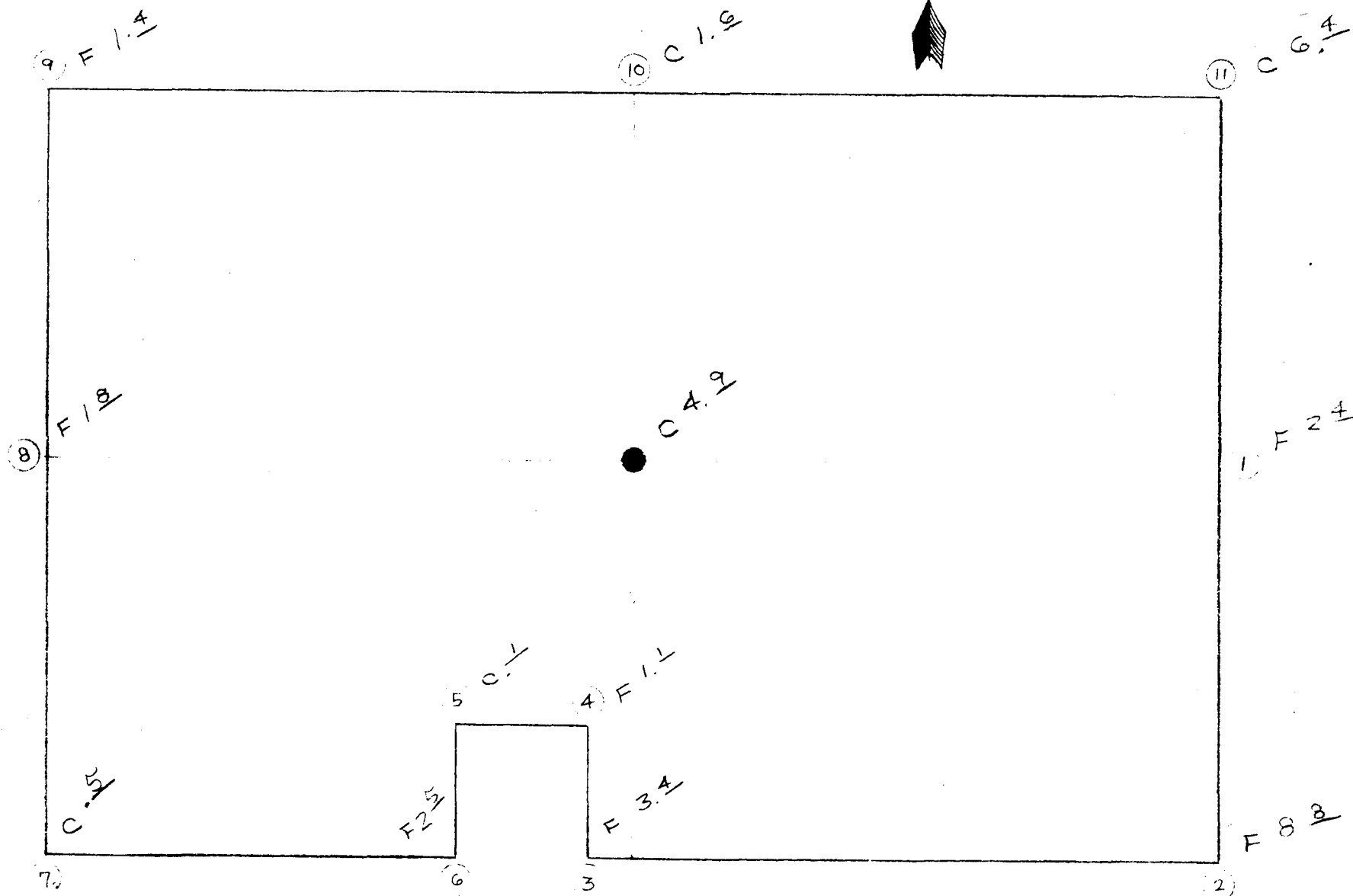
State UTAH

Attachment No. \_\_\_\_\_

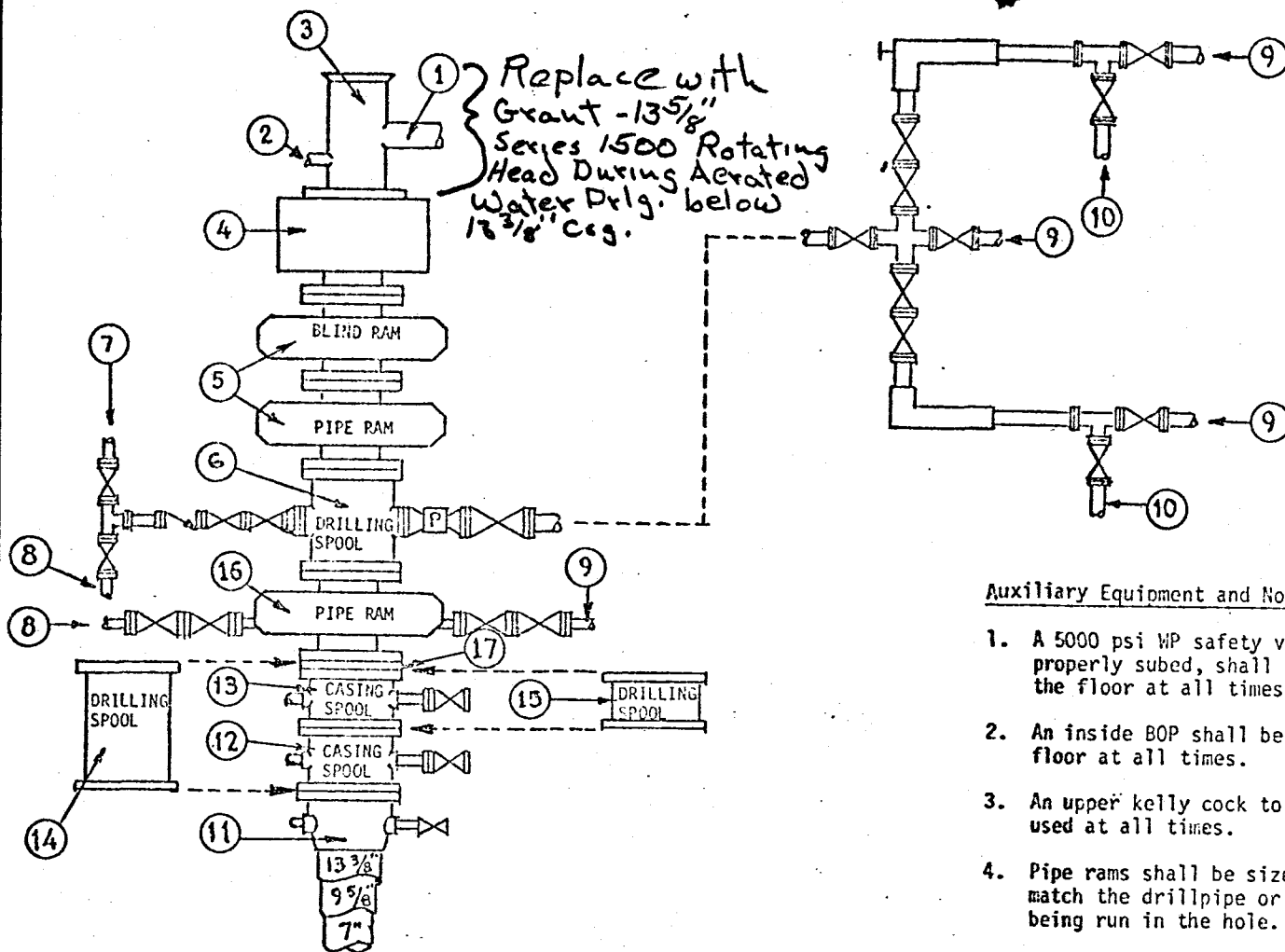
SHELL OIL COMPANY  
LOCATION LAY-OUT  
SEC. 20, T2S, R5W, U.S.M.



SCALE 1" = 50'  
DATE 3-3-75



# BLOWOUT PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



## Auxiliary Equipment and Notes:

1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
5. Mud system monitoring equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after mud up or upon reaching a depth at which abnormal pressures could occur.
6. BOP equipment shall be pressure tested upon installation and periodically thereafter. Operational test of ram type preventers shall be performed on each trip.

Item No.	Description
1	Mud return flow line
2	Fillup line - min. 2"
3	Drilling Nipple
4	13-5/8" - 5000 psi WP-Annular Bag Type BOP - Shaffer or Hydril
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Shaffer LWS
6	13-5/8" - 5000 psi WP Drilling Spool
7	To mud pumps
8	To remote pump in station
9	To burn pit
10	To gas buster
11	12" - 3000 psi WP-Slip On and Weld-Casing Head
12	12" - 3000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 3000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - While Drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - While Drilling 8-3/4" hole
16	13-5/8" - 5000 psi - Hydraulically Operated - Cameron Type U - Ram Type BOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studded Adapter Flange

Well Name UTE 1-20 B5

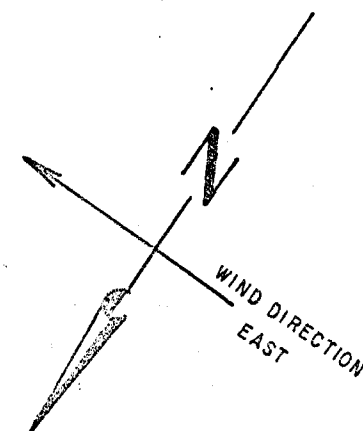
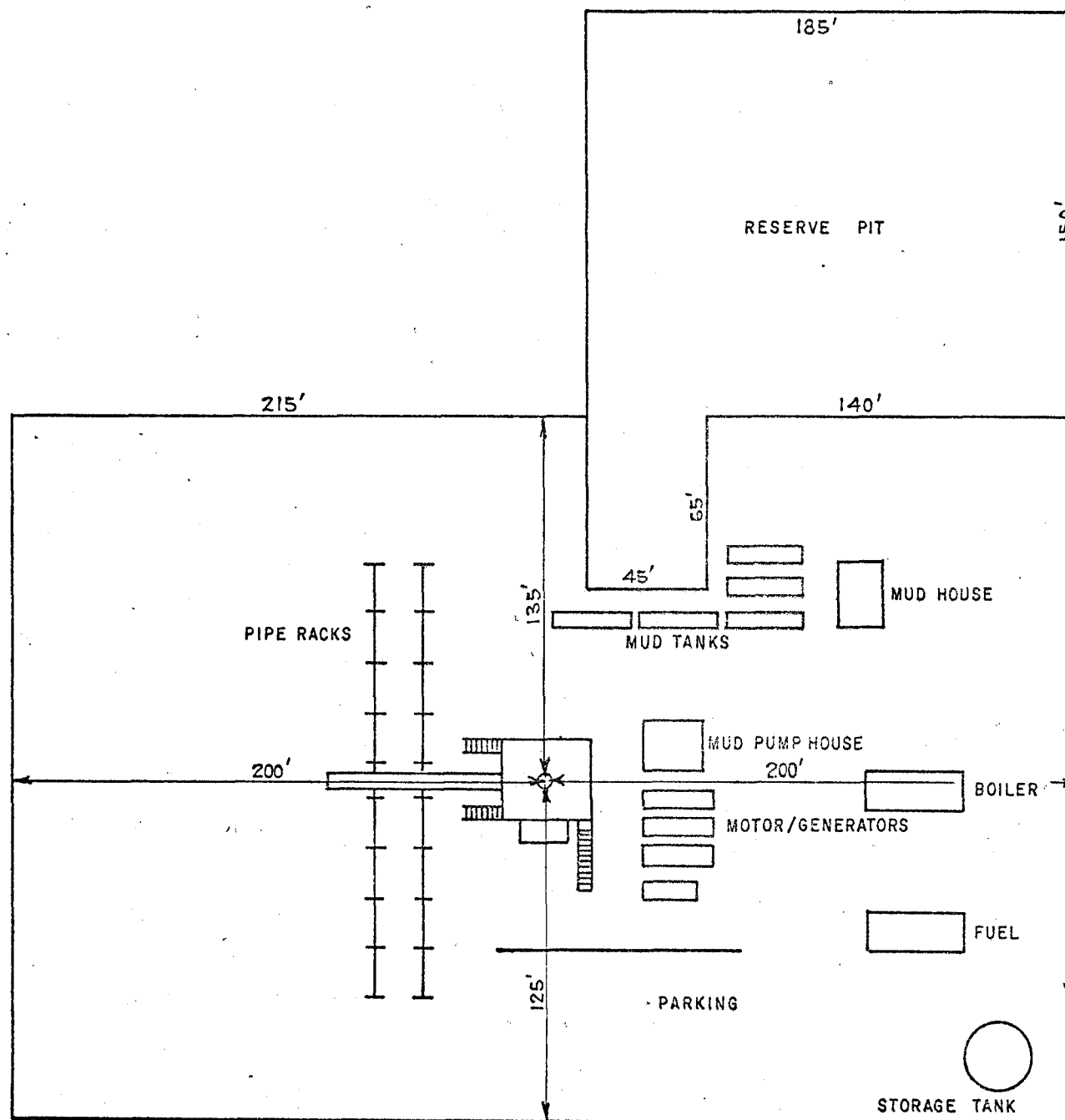
Field ALTAMONT

County DUCHESNE

State UTAH

Attachment No. \_\_\_\_\_

SHELL OIL COMPANY  
LOCATION LAYOUT  
IN  
SEC. 20, T2S-R5W USM



DATE: 3-13-75  
SCALE: 1" = 60'

March 24, 1975

Shell Oil Company  
1700 Broadway  
Denver, Colorado

Re: Well No. Ute Tribal 1-20B5  
Sec. 20, T. 2 S, R. 5 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-8.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director  
HOME: 466-4455  
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30376.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: U.S. Geological Survey

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.PI  
8

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Tribal 14-20-H62-2507	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shell Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		8. FARM OR LEASE NAME Ute	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1882' FNL & 768' FEL Section 20 At top prod. interval reported below At total depth		9. WELL NO. 1-20B5	
14. PERMIT NO. 43-013-303761		DATE ISSUED	
15. DATE SPUDDED 6/26/75		16. DATE T.D. REACHED 8/17/75	
17. DATE COMPL. (Ready to prod.) 2/17/76		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6268 KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 13,530	
21. PLUG BACK T.D., MD & TVD 13,428		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch perms 13,231-13,470 & 12,622-13,427	
25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP, BHC Sonic/GR, CNL/FDC/GR	
27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
DEPTH SET (MD)		HOLE SIZE	
CEMENTING RECORD		AMOUNT PULLED	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION		DATE FIRST PRODUCTION 2/17/76	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/8/76		HOURS TESTED 24	
CHOKE SIZE 20/64"		PROD'N. FOR TEST PERIOD 395	
OIL—BBL. 277		GAS—MCF. 17	
WATER—BBL. 701		OAS-OIL RATIO	
FLOW. TUBING PRESS. 400 psi		CASING PRESSURE -	
CALCULATED 24-HOUR RATE -		OIL—BBL. -	
GAS—MCF. -		WATER—BBL. -	
OIL GRAVITY-API (CORR.) 45.1 @ 60 deg		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold	
TEST WITNESSED BY		35. LIST OF ATTACHMENTS Well History and Casing & Cementing Details	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED J.W. Linnell	
TITLE Div. Oper. Engr.		DATE APR 01 1976	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

\*See attachments

cc: Oil &amp; Gas Conservation Commission w/attachments

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test  
KB 6268'

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" csg @ 13,520'

TD 13,530. PB 13,428. OIL WELL COMPLETE. On 24-hr test  
3/8/76 flwd 395 BO, 17 BW, 277 MCF gas thru 20/64" chk  
w/400 psi FTP from Wasatch perfs 13,231-13,470 & 12,622-  
13,427. API Gravity 45.1 @ 60 deg. Completion Date:  
2/17/76. Test Date: 3/8/76.

Elev: 6268' KB

Log Tops:	TGR3	8,642 (-2374)	BT	11,711 (-5443)
	M1	9,900 (-3632)	M3	11,732 (-5464)
	TT	10,160 (-3892)	M4	12,272 (-6004)
	TRB	10,382 (-4114)	M5	12,688 (-6420)
	M2	10,872 (-4604)	M6	13,030 (-6762)
	BRB	11,620 (-5352)	M7	13,440 (-7172)

FINAL REPORT

MAR 15 1976



NEW OIL WELL

ALTAMONT

SHELL OIL COMPANY

LEASE

UTE

WELL NO.

1-20B5

DIVISION

WESTERN

ELEV

6268 KB

FROM: 6/27/75 - 3/15/76

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Ute 1-20B5

(D) Brinkerhoff #56

13,800' Wasatch Test

EL 6238' GR

"FR" 108/\*\*/1/108. Drilling.

Located 1882' FNL and 768' FEL Section 20-T2S-R5W

Duchesne County, Utah. Elev: 6238 Ungraded GR

Shell's Working Interest: 100%

Spudded: 5 PM 6/26/75

JUN 27 1975

\*\*Est days unknown

Shell-Ute 1-20B5

(D) Brinkerhoff #56

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

6/28: 295/60/2/187. NU. Ran 7 jts (301') 54.5# K-55 ST&amp;C

13-3/8" csg w/Howco Plain Guide Shoe &amp; cmt'd w/450 cu ft

Class "G" w/3% CaCl<sub>2</sub>.

Mud: (.478) 9.2

6/29: 295/60/3/0. NU new X-over sub. NU BOP's &amp; installed rotary head for air drlg. Tested CIW head to 250 psi.

Mud: Wtr

6/30: 1340/60/4/1045. Drlg. Dev: 1-1/2 deg @ 660' &amp;

1-1/2 deg @ 1097'.

JUN 30 1975

Mud: Wtr

Shell-Ute 1-20B5

(D) Brinkerhoff #56

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

2050/60/5/710. Drlg. Dev: 1-3/4 deg @ 1567' &amp; 1-1/2 deg @ 1950'. Started air mist @ 1567.

Mud: Wtr &amp; Air

JUL 01 1975

Shell-Ute 1-20B5

(D) Brinkerhoff #56

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

2875/60/6/825. Drlg. Dev: 1 deg @ 2252'.

Mud: Wtr &amp; Air

JUL 02 1975

Shell-Ute 1-20B5

(D) Brinkerhoff #56

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

3700/60/7/825. Drlg.

Mud: Wtr &amp; Air

JUL 03 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'

7/4: 4148/60/8/448. Drlg. Dev: 2 deg @ 4136'.  
Mud: Air & lime water  
7/5: 4870/60/9/722. Drlg.  
Mud: Air & lime water  
7/6: 5232/60/10/362. Drlg.  
Mud: Air & lime water.  
7/7: 5759/60/11/527. Tripping.  
Mud: Air & lime water.

JUL 07 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'

6002/60/12/243. Logging. Dev: 2 deg @ 6002'.  
Mud: Air & lime water.

JUL 08 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'

6002/60/13/0. Nippling up. BJ cmt'd w/230 sx BJ lite  
F/w/219 sx "G". Cmt in place at 4:15 A.M.  
Mud: Water

JUL 09 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'

6002/60/14/0. Drlg on junk. Bullhead 600 cu. ft.  
BJ Lite btwn 9-5/8 & 13-3/8 (no psi). JUL 10 1975  
Mud: Water

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'

6395/60/15/393. Drlg.  
Mud: Water

JUL 11 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

7/12: 6953/60/16/558. POOH.  
Mud: Water  
7/13: 7363/60/17/410. POOH. Dev: 4 deg @ 6962'.  
Mud: Water  
7/14: 7724/60/18/361. Drlg. Dev: 4 deg @ 7365'.  
Mud: Water

JUL 14 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

96/60/19/372. Pack swivel. : 4 deg @ 7987'.  
Mud: Water

JUL 15 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

8640/60/20/544. Drilling. Dev: 3-1/2 deg @ 8265'.  
Mud: Water

JUL 16 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

9292/60/21/652. Drlg.  
Mud: Water

JUL 17 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

10,192/60/22/900. Drilling.  
Mud: Water

JUL 18 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

7/19: 10,415/60/23/223. Drlg. Dev: 2-1/2 deg @ 10,351'.  
BG gas: 50, Conn gas: 200.  
Mud: (.483) 9.3 x 38 x 15  
7/20: 10,545/60/24/130. Drlg. BG gas: 90, Conn gas: 105,  
Trip gas: 550.  
Mud: (.483) 9.3 x 38 x 16  
7/21: 10,705/60/25/160. Drlg. BG gas: 15, Conn gas: 30,  
Trip gas: 480.  
Mud: (.488) 9.4 x 39 x 12

JUL 21 1975

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Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

10,833/60/26/128. Drlg. BG gas: 80, Conn gas: 125, Trip  
gas: 960.  
Mud: (.488) 9.4 x 37 x 10.2

JUL 22 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

10,950/60/27/117. Drlg. Dev: 2 deg @ 10,881. BG: 50-70,  
Conn: 110, Trip: 1280.  
Mud: (.488) 9.4 x 37 x 10.4

JUL 23 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

11,175/60/28/225. Drlg. BG: 60-70, Conn: 700.  
Mud: (.499) 9.6 x 36 x 10.6 (4#/bbl LCM)

JUL 24 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'

11,250/60/29/75. Circ for logs. BG: 30-40, Trip: 1000.  
Mud: (.499) 9.6 x 38 x 9.6 (3#/bbl LCM)

JUL 25 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

7/26: 11,250/60/30/0. Log'g. Dev: 1-3/4 deg @ 11,250'.  
BG: 50, Trip: 520.

7/27: 11,250/60/31/0. Run'g 7" csg.

Mud: (.499) 9.6 x 42

7/28: 11,250/60/32/0. Press test BOP's. Ran 262 jts 7"  
26# N80 LT&C csg w/btm 20 jts 26# S95 LT&C. Pipe set @  
11,249, FC @ 11,119. Bumped plug w/2500 psi @ 3:10 p.m.  
7/28/75. Cmt'd w/527 cu ft BJ lite & 500 cu ft "G" - (605  
sx). Installed CIW flange & tested to 4500 psi. JUL 28 1975  
Mud: (.499) 9.6 x 42

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

11,250/60/33/0. PU 3-1/2" DP.  
Mud: (.499) 9.6 x 42

JUL 29 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

11,250/60/34/0. WO breakout tool for hydril. Tested csg  
to 2500 psi.

Mud: (.504) 9.7 x 36 x 12.6

JUL 30 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

11,290/60/35/40. Drlg.  
Mud: (.520) 10.0 x 37 x 10.5

JUL 31 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

11,521/60/36/231. Drilling.  
Mud: (.587) 11.3 x 38 x 8.0

AUG 01 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

8/2: 11,710/60/37/189. Drlg. BG: 5, Conn: 15.  
Mud: (.644) 12.4 x 39 x 7.6  
8/3: 11,934/60/38/224. Drlg. BG: 5, Conn: 45.  
Mud: (.691) 13.3 x 40 x 7.2  
8/4: 12,110/60/39/176. Drlg. BG: 15, Conn: 100.  
Mud: (.691) 13.3 x 42 x 6.8

AUG 04 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

12,279/60/40/169. Drlg. BG: 10, Conn: 45.  
Mud: (.691) 13.3 x 40 x 6.8

AUG 05 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

12,438/60/41/159. Drlg. BG: 10, Conn: 55.  
Mud: (.691) 13.3 x 41 x 6

AUG 06 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

12,597/60/42/159. Drlg. BG: 3-5, Conn: 5-10.  
Mud: (.691) 13.3 x 41 x 6.0

AUG 07 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,249'

12,732/60/43/135. LC; filling hole. BG: 5, Conn: 45.  
Mud: (.691) 13.3 x 41 x 6.2

AUG 08 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

8/9: 12,732/60/44/0. Test'g csg. Pmp'd 16# pill (300 bbls).  
Found bad spot @ 245'-257'.  
Mud: (.691) 13.3 x 41  
8/10: 12,732/60/45/0. NU BOP's. Set Howco ret BP @  
10,000' & tested to 1500# for 15 mins, ok. Couldn't get  
ret BP thru csg stub. Ran pkr type; ran short hookup in  
hole. Lined up csg & ran ret BP.  
Mud: (.691) 13.3 x 41  
8/11: 12,732/60/46/0. NU BOP's. Ran spear in 7" csg.  
LD 5 jts 7" csg. Ran spear & backed off 24 jts 7". LD  
same. Ran 34 jts 7" & screwed into csg @ 1304'. Tested  
csg to 1500 psi.  
Mud: (.691) 13.3 x 41

AUG 11 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

12,732/60/47/0. G.I.H. w/mill.  
Mud: (.691) 13.3 x 40 x 6.2 (2#/bbl LCM)

AUG 12 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

12,786/60/48/54. Drilling. Trip: 720, Conn: 16, BG: 10.  
Mud: (.691) 13.3 x 39 x 6.8

AUG 13 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

13,010/60/49/224. Drlg. BG: 10, Conn: 20.  
Mud: (.691) 13.3 x 40 x 6.6

AUG 14 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

13,205/60/50/195. Drilling. Conn: 180, BG: 10, DT: 350.  
Mud: (.691) 13.3 x 39 x 6.4

AUG 15 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'

8/16: 13,393/60/51/188. Drlg. BG: 10, Conn: 300.  
Mud: (.691) 13.3 x 40 x 6.2  
8/17: 13,530/60/52/137. Pulling to log.  
Mud: (.696) 13.4 x 41 x 6.2  
8/18: 13,530/60/53/0. Pulling to log.  
Mud: (.696) 13.4 x 42 x 6.4

AUG 18 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

13,530/60/54/0. Ran 58 jts (2475') 5" 18# N80 super  
flush P liner. Hung liner & circ'd btms up. Mud cut to  
12.3. BJ pmp'd 3 bbls wtr ahead & cmt'd w/475 cu ft "G"  
3% gel & trt'd w/332# turbo mix + 81# retard set. Bumped  
plug w/2500 psi. Bled back 1 bbl. CIP 2:30 a.m. 8/19/75.  
Howco Diff Fill Float Shoe @ 13,520, Howco Diff FC @  
13,479 & Burns Liner Hanger @ 11,049.

AUG 19 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

13,530/60/55/0. Pulling out. CO cmt to liner top. Tested  
lap w/1500# w/rig pmp, ok.  
Mud: (.696) 13.4 x 41 x 68

AUG 20 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

13,530/60/56/0. G.I.H. to mill cmt.  
Mud: (.696) 13.4 x 40 x 6.8

AUG 21 1975

Shell-Ute 1-20B5  
(D) Brinkerhoff #56  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

13,530/60/57/0. Inflow testing.  
Mud: (.696) 13.4 x 42 x 6.8

AUG 22 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

8/23: 13,530/60/58/0. ND BOP's.

Mud: (.696) 13.4 x 42 x 6.8

8/24: TD 13,530. PB 13,500. MORT. Released rig @ 8 p.m.  
8/23/75.

(RDUFA)

AUG 25 1975

Shell-Ute 1-20B5  
(D) Western #17  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. (RRD 8/25/75) MI Western Oilwell  
Rig #17.

SEP 04 1975

Shell-Ute 1-20B5  
(D) Western #17  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. Fin'd Western. PU tbg & 4-1/8 mill & RIH on 2-7/8 tbg to 9500. Circ mud out of hole. SI overnight.

SEP 05 1975

Shell-Ute 1-20B5  
(D) Western #17  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. 9/5 RIH w/4-1/8 mill to PBTD. Circ'd mud out of hole. SI well & observed for inflow; no inflow. Press test csg to 4500 psi. Press dropped off. Repress'd to 4500 two more times. In 1 hr 4500 SICP dropped to 3775. Spt'd 40 bbls acetic acid 10% wt'd to 10#/gal. POOH. SI overnight. 9/6 LD 2400' 2-7/8 tbg workstring. MI&RU OWP & obtained CBL/VDL/GR log from PBTD to top of cmt in 7" csg @ 8900. Ran CBL w/3500 psi on csg. POOH. RIH w/Bkr 5" FA pkr on WL & set in 5" liner w/top of pkr @ 11,078. POOH. RD&MO OWP. PU Bkr FA latch-in seal assembly, 1 jt 2-7/8 N80 tbg, 1 6' 2-7/8 N80 tbg sub w/cent, Bkr EL on-off seal connector w/Otis 2.313 N profile in btm half & 1 6' 2-7/8 N80 tbg sub w/cent. SI well over Sunday.

SEP 08 1975

Shell-Ute 1-20B5  
(D) Western #17  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. No report.

SEP 09 1975

Shell-Ute 1-20B5  
(D) Western #17  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. 9/8 RIH w/prod equip. Latched onto pkr & marked for spacing out. Attempted to test tbg to 7500 psi; could pmp down tbg @ 2 B/M @ 5000 psi w/no returns out of csg. Press tested 2-7/8 x 7 annulus w/4500 psi for 1 hr, held ok. SI overnight. 9/9 MI&RU BJ Serv. Est inj rate of 2 B/M @ 5200 w/10 bbls frh wtr. Mixed & pmp'd 200# 10-20 mesh sd followed by 100# 20-40 mesh sd followed by 200# Barite mixed in 15 bbls gelled frh wtr. Flushed w/71 bbls frh wtr. Pmp'd 86 bbls total. Press'd to 7500. SI well. Press fell to 6500 in 5 mins. Press'd up to 7500 & press fell to 6600 in 1 hr. RD&MO BJ. In 1-1/2 hrs gradually bled off tbg press to 0. Unlatched from pkr & displaced annulus w/inh wtr as per Oil Letter #1. Latched back press valve, removed BOP's & installed X-mas tree. Removed back press valve & tested tree to 10,000 psi, held ok. SI overnight.

SEP 10 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. Released rig. RD&MO Western #17. (RDUFA)

SEP 11 1975



Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. (RRD 9/11/75) MI&RU OWP to perf unidirectionally w/2" steel hollow carrier thru tbg gun decentralized w/magnets interval 13,470-13,231 (58 holes in 33 zones). Perfs were made using Harrison RT 6.2 gram charges. Ran gun in hole to perf on Run #1 & tagged btm @ 13,450; unable to perf holes 13,470, 13,463 & 13,461. Run #1 perf'd: 13,449, 13,447, 13,438, 13,436, 13,434, 13,432, 13,430, 13,421, 13,413, 13,410, 13,406, 13,397, 13,396, 13,390, 13,388, 13,384, 13,377, 13,375, 13,370, 13,367, 13,366, 13,362, 13,360, 13,357, 13,355, 13,352, 13,350, 13,348, 13,344, 13,336, 13,334, 13,323, 13,322, 13,316, 13,314, 13,312, 13,306, 13,298 (38 holes). Initial press 710# & final press 730#. Run #2 perf'd: 13,296, 13,294, 13,289, 13,283, 13,281, 13,279, 13,277, 13,275, 13,268, 13,266, 13,259, 13,257, 13,255, 13,247, 13,242, 13,233, 13,231 (17 holes). Initial press 830# & final press 800#. RD OWP; prep to AT.

SEP 26 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. 9/26 MI&RU BJ & AT perf'd interval 13,449-13,231 w/140 bbls gelled 15% HCl acid as follows: Pmp'd 2 bbls acid & dropped 1 7/8" RCN ball sealer (sp gr 1.2). Repeated procedure 66 times for a total of 134 bbls acid & 67 ball sealers. AT contained no Unibeads. Pmp'd add'l 6 bbls acid & flushed w/101 bbls prod wtr. Press'd tbg-csg annulus to 3500 psi during trmt. Max press 8000 psi, min 5000, avg 5800. Max rate 13 B/M, min 7, avg 12.5. ISIP 4200 psi, 5 mins 4100, 10 mins 4100, 15 mins 4100. RD&MO BJ. RU OWP & ran GR log to detect accumulation of RA sd during AT. 9/27 SIP 3700#. Opened well & dropped 0-50 psi in 5 mins. In 10 hrs flwd 55 bbls fluid w/little or no tbg press. SI. Backed down tbg vol w/prod wtr @ 4200 psi max. Shut well in.

SEP 29 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

SEP 30 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. Ran Newsco to 13,430' & blew hole dry. RU HOS & spt'd 35 bbls prod wtr @ 13,400. Pulled CT & RD Newsco & HOS. SI well w/400 psi. No trace of oil in returns.

OCT 01 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI; WO AT.

OCT 02 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 03 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. 10/3 MI&RU BJ to AT perfs 13,231-13,470 for 2nd time w/140 bbls gelled 15% HCl acid as follows: Press'd annulus to 3500 psi. Pmp'd 2 bbls acid & dropped 1 RCN 7/8" ball sealer (sp gr 1.2) & repeated procedure 66 times for a total of 134 bbls acid & 67 ball sealers. All acid according to prog. Max psi 8000, min 6400, avg 7200. Max rate 16.5 B/M, min 11.5, avg 15. ISIP 4600 psi, 5 mins 4500, 10 mins 4400, 15 mins 4300. RD&MO BJ. MI&RU

OWP. Ran GR log to detect accumulation of RA sd used in AT. Tbg press 3800 psi. On 10/4 tbg press 3800 psi. Attempted to flw back; well dropped to 100 psi immediately. Flwd total 57 BW & some gas in 4 hrs. Well died periodically during period. Backed down tbg w/65 bbls prod wtr. Shut well in @ 4000 psi.

OCT 06 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI; WO workover.

OCT 07 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 08 1975

Shell-Ute 1-20B5

TD 13,530. PB 13,500. SI.

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

OCT 09 1975

Shell-Ute 1-20B5

TD 13,530. PB 13,500. SI.

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

OCT 10 1975

Shell-Ute 1-20B5

TD 13,530. PB 13,500. SI OCT 13 1975

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

Shell-Ute 1-20B5

TD 13,530. PB 13,500. SI

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

OCT 14 1975

Shell-Ute 1-20B5

TD 13,530. PB 13,500. SI

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

OCT 15 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. S.I. (RDUFA)

OCT 16 1975

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6,000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. S.I.

OCT 17 1975

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6,000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. SI.

OCT 20 1975

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. SI.

OCT 21 1975

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. SI.

OCT 22 1975

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 23 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 24 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 27 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

OCT 28 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. Would not flw. MI&RU Newsco 1" CTU & N2 trk. RIH w/1" CT while inj'g 400 cu ft/min N2. Stopped 1" tbg @ 5000' & blew well dry in 45 mins; stopped 1" tbg @ 10,000' & blew well dry in 1-1/2 hrs. Ran in to 13,200 & blew well dry enough that returns would not burn. Est recovery 40 BO & 150 BW. Cut N2 rate back to 200 cu ft per min & POOH. Surface equip on CTU had mechanical failure w/10,000' CT in well. Could not pull tbg or RIH. SI well overnight.

OCT 29 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SITP built to 700 psi by 8 p.m. (5 hrs SI). Bled down to 300; all gas w/mostly N2. 700 psi SITP by 12 midnight; bled down to 300. 700 psi SITP by 3 a.m.; bled off to 300. 700 psi SITP by 7 a.m.; bled down to 300. Newsco repaired tbg unit. Pulled 1" tbg. RD&MO Newsco & SI well.

OCT 30 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

OCT 31 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

NOV 03 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

NOV 04 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

NOV 05 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

NOV 06 1975

Shell-Ute 1-20B5  
(D)

TD 13,530. PB 13,500. No report.

13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

NOV 07 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. No report.

NOV 10 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. (RDUFA)

NOV 11 1975

Shell-Ute 1-20B5  
(D) Western  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. (RRD 11/11/75) Well currently flw'g 30 BO/D. AFE #416987 provides funds to locate & repair possible csg leak(s) in hole. MI&RU Western. Bled off well. Installed BOP equip & tested. Unlatched from on-off tool & circ'd hole clean w/approx 200 bbls prod wtr. Latched back on off-on tool & unlatched from pkr. Pulled tbg & SD for night.

DEC 10 1975

Shell-Ute 1-20B5  
(D) Western  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. RU pkr, milling tool & pkr picker. RIH & PU 5" pkr @ 11,078. POOH & got to 6000' & SD for night. Well did flow some when starting in hole, but killed w/prod wtr.

DEC 11 1975

Shell-Ute 1-20B5  
(D) Western  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. Fin pulling tbg & pkr. Cleaned out sand to 13,500'. Started OOH. SI for night.

DEC 12 1975

Shell-Ute 1-20B5  
(D) Western  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. 12/12 MI&RU OWP. Set Bkr CIBP @ 13,495. POOH. RIH w/dump baler & capped BP w/1-1/2 sx cmt. RD&MO OWP. RIH w/Bkr 5" ret BP & ret pkr. Set ret BP @ 13,200 & pkr @ 13,150. Press tested pkr & BP to 5000 psi for 15 mins, ok. SI well overnight. 12/13 Released pkr & reset @ 11,571. Tested csg from 11,571-13,200 to 5000 psi for 15 mins, ok. Reset pkr @ 11,421. Tested csg to 5000 psi; press bled off to 4000 psi in 15 mins, 3700 in 30 mins & 3550 in 45 mins. Bled off tbg press. Press tested csg above pkr to 4000 psi; press dropped to 3750 in 15 mins. Released press & pkr. RIH & released ret BP. POOH. MI&RU OWP. RIH w/Bkr 5" FA pkr w/KO plug in place & set @ 12,600. POOH. RD&MO OWP. SI over Sunday.

DEC 15 1975

Shell-Ute 1-20B5  
(D) Western  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. LD 3500' 2-7/8" work string. PU 1600' new 2-7/8" tbg (lower pkr setting) & RIH w/prod equip. Tested pkr w/20,000# set down & 20,000# tension. Released from pkr. Circ'd tbg clean w/400 bbls 190 deg prod wtr. Displaced tbg-csg annulus w/inh fresh wtr as per Oil Letter No. 1. SI overnight.

DEC 16 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. Latched into pkr. Press tested tbg to 7500 psi for 1 hr; lost 100 psi. Tested tbg-csg annulus to 4000 psi for 1/2 hr; lost 150 psi. Installed BPV in tbg donut & removed BOP. Installed 10,000# tree & tested to 10,000 psi, ok. SI well overnight. Released rig 7 p.m. 12/16/75.

DEC 17 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

DEC 18 1975

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,500. (Addition to rept of 12/16: left 4000 psi on tbg & tree.) 12/18 MI&RU Sun. RIH w/sinker bars & jars on WL & KO plug in btm of pkr. POOH & RD&MO Sun. MI&RU BJ & prep to sd frac.

DEC 19 1975



Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

12/20: S.I. MIRU B-J Service to sand-frac gross perf intervals 13,231-13,470 (58 holes). Pmpd 50 bbls prod water @ estimated rate 10.5 BPM @ 8000 psi. Pmpd 95 bbls Thermogel pad @ 10.5 BPM @ 8000 psi. Pmpd 114 Thermogel w/3.1#/gal 20-40 mesh sand-11 BPM @ 8700 psi. Pmpd 152 bbls Thermogel w/3.1#/gal 20-40 mesh sand - 8 BPM @ 8400 psi, 114 bbls Thermogel w/4.1#/gal - 8 BPM @ 7000 psi. When 4.1#/gal hit formation pmpd 7.5 BPM @ 8400 psi. Pmpd 10 bbls Thermogel w/15 1.2 SP. GR. ball sealers. When first of ball sealers hit perfs press increased to 7200 psi. S.D. to repair blender pump. Started pumping and went to 10,000 psi w/less than 1 bbl pmpd - pressured up to 10,000 psi 5 times. 5 min SITP - 8400, ten min. 7800, 15 min. 7500, 20 min. 7200. DEC 22 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. 41 hr SITP 3450. Opened well to pit & FTP to 2000 in 15 min. Flowed est. 11 bbls to per in 5 hrs - rate 1-1/2 bbl/hr. Flowed unbroken Thermogel. S.I. Overnight. Correction to report of 12/22/75. Should be "pumped 114 bbls Thermogel w/2.1#/gal". And "when first ball sealers hit perfs press increased to 9200 psi".

DEC 23 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. Opened well to pit & FTP went to 0 in 4 mins. Flwd approx 30 BW & some thermogel in 11 hrs. SI overnight.

DEC 24 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. 12/24 Opened well to pit & FTP went to 0 psi in 10 mins. Flwd a trace of oil & 40 BW in 5 hrs. SI well after backing down w/15 bbls diesel. (RDUFA)

DEC 29 1975

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. (RRD 12/29/75) RU Nowsco & ran CT to 12,000' while inj'g N2. Blew tbg dry. POOH. RD Nowsco. RU HOS. Pmp'd 30 bbls diesel down tbg. RD HOS.

JAN 07 1976

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. SI.

(RDUFA)

JAN 08 1976

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. (RRD 1/8/76) MI&RU BJ to bullhead 16 bbls wt'd, dbl-inh'd, gelled 10% acetic acid from PBTD to 12,675. Pmp'd acid & flushed w/50 BW & 25 bbls diesel. Pmp'd @ 2 B/M @ 6000 psi. SI well.

FEB 11 1976

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. MI&RU OWP & perf'd unidirectionally w/2" steel carrier thru-tbg gun decentralized w/magnets @ top, middle & btm. Used Harrison RT charges. Run #1 - press before perf'g 3050 psi. Perf'd 13,188 thru 13,022 (38 holes) as per prog. Press after perf'g 3000 psi. POOH. SI overnight.

FEB 12 1976

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,500. Run #2 - SITP 2730 psi. Perf'd 13,020-12,887 (38 holes) as per prog. Press after perf'g 2700 psi. Run #3 - SITP 2760 psi. Perf'd 12,886-12,789 (30 holes) as per prog. Press after perf'g 2500 psi. Run #4 - SITP 2800 psi. Perf'd 12,788-12,622 (39 holes) as per prog. Press after perf'g 2600 psi. RD OWP. Prep to acidize.

FEB 13 1976

Shell-Ute 1-20B5

(D)

13,800' Wasatch Test

EL 6238' GR

13-3/8" csg @ 295'

9-5/8" csg @ 6000'

7" csg @ 11,248'

5" liner @ 13,520'

TD 13,530. PB 13,428 (new PBTD). RU BJ & AT perfs 12,622-13,427 (145 new & 48 old perfs) for total of 193 perfs as per prog. Max TP 9600 psi, min 6100, avg 8100. Max rate 18 bbls, min 2.5, avg 16. ISIP 4600 psi; 5, 10 & 15 mins 4600 psi. Pmp'd 13 bbls diesel down tbg. Attained 3 complete ball-outs; 1st ball out w/1500 bbls trtmt in & 3rd w/1530 bbls in. Total balls dropped 250. Total load to rec 1773 bbls. Third ball out bled back to 4750# to continue rest of trtmt (243 bbls). RD BJ. RU OWP & ran GR tracer for RA accumulation. Log indicated very good trtmt thruout all perfs 13,428-12,622 (193 holes) to 8' above top perf @ 12,622. SI well overnight. 2/15/76 15-hr SITP 4000. Flwd diesel out into flwline; tree plugged off w/Unibeads. MI&RU HOT & CO tree. Opened well to pit & flwd est 210 bbls load wtr & acid wtr to pit in 4-1/2 hrs. Last hr 18/64" chk w/3000 psi FTP. Started making oil. Turned well to trtr. In 2-1/2 hrs well flwd 40 BO & 18 BW on 14/64" chk w/3800 psi FTP. SI well beacuse of wtr dump malfunction. 2/16 16-hr SITP 4400. Opened well to trtr. In 4-1/2 hrs well flwd 196 BO, 107 BW & 1104 MCF gas on 30/64" chk w/2100 psi FTP. Turned well over to prod.

FEB 17 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd  
1146 BO, 262 BW, 1051 MCF gas thru 20/64" chk w/1750 psi  
FTP.

FEB 18 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 14-hr test, flwd 225  
BO, 51 BW, 252 MCF gas thru 16/64" chk w/240 psi FTP.

FEB 19 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd  
942 BO, 152 BW, 946 MCF gas thru 20/64" chk w/1000 psi  
FTP.

FEB 20 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>2/21:</u>	4	117	15	120	10/64"	1500
<u>2/22:</u>	SI					
<u>2/23:</u>	SI					

FEB 23 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 18-hr test, flwd  
555 BO, 171 BW, 648 MCF gas thru 20/64" chk (no gauge -  
FTP).

FEB 24 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 15-hr test, flwd  
625 BO, 119 BW, 570 MCF gas thru 32/64" chk w/750 psi  
FTP.

FEB 25 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 14-hr test, flwd  
617 BO, 41 BW, 648 MCF gas thru 22/64" chk w/700 psi FTP.

FEB 26 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 715  
BO, 45 BW, 778 MCF gas thru 22/64" chk w/650 psi FTP.

FEB 27 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On various tests  
flwd:

Rept. Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>2/28:</u>	24	645	37	648	22/64"	550
<u>2/29:</u>	24	620	33	537	24/64"	500
<u>3/1:</u>	24	504	30	529	22/64"	400

MAR 1 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 449  
BO, 26 BW, 454 MCF gas thru 22/64" chk w/400 psi FTP.

MAR 02 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 479  
BO, 25 BW, 454 MCF gas thru 22/64" chk w/350 psi FTP.

MAR 03 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 419  
BO, 25 BW, 422 MCF gas thru 22/64" chk w/400 psi FTP.

MAR 04 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 468  
BO, 27 BW, 497 MCF gas thru 25/64" chk w/550 psi FTP.

MAR 05 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
3/6:	24	432	25	472	25/64"	250
3/7:	24	369	23	373	25/64"	300
3/8:	24	395	17	277	20/64"	400

MAR 08 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 270  
BO, 20 BW, 327 MCF gas thru 20/64" chk w/300 psi FTP.

MAR 09 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 286  
BO, 18 BW, 252 MCF gas thru 20/64" chk w/250 psi FTP.

MAR 10 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
EL 6238' GR  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 252

MAR 11 1976

Shell-Ute 1-20B5  
(D)  
13,800' Wasatch Test  
KB 6268'  
13-3/8" csg @ 295'  
9-5/8" csg @ 6000'  
7" csg @ 11,248'  
5" liner @ 13,520'

TD 13,530. PB 13,428. Flowing. On 24-hr test, flwd 298  
BO, 20 BW, 209 MCF gas thru 20/64" chk w/300 psi FTP.

MAR 12 1976

# CASING AND CEMENTING

Field Altamont Well Ute 1-20B5  
 Job: 13-3/8 " O.D. Casing/Liner. Ran to 301 feet (KB) on 6/28, 197<sup>5</sup>

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
/	54.5#	K-55	ST&C	New	301		

## Casing Hardware:

Float shoe and collar type \_\_\_\_\_  
 Centralizer type and product number \_\_\_\_\_  
 Centralizers installed on the following joints \_\_\_\_\_  
 Other equipment (liner hanger, D.V. collar, etc.) Howco Plain Guide Shoe; no insert

## Cement Volume:

Caliper type \_\_\_\_\_ . Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

## Cement:

Preflush—Water 10 bbls, other 450 cu ft Volume \_\_\_\_\_ bbls  
 First stage, type and additives 3% CaCl<sub>2</sub> . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.  
 Second stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

## Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_  
 Displacement rate \_\_\_\_\_  
 Percent returns during job \_\_\_\_\_  
 Bumped plug at \_\_\_\_\_ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
 with \_\_\_\_\_ lbs on slips.

## Remarks:

Pmp'd cmt down to 30+ of shoe, cut off & landed.

Drilling Foreman K. W. Crawford  
 Date 6/28/75

# CASING AND CEMENTING

Field Altamont Well Ute 1-20B5  
Job: 9-5/8 " O.D. Casing/Liner. Ran to 6000 feet (KB) on 7/9, 1975  
Jts. Wt. Grade Thread New Feet From To  
KB CHF 25.00  
CHF  
145 36# K-55 LT&C New 6000

## Casing Hardware:

Float shoe and collar type Howco Guide Shoe  
Centralizer type and product number Howco  
Centralizers installed on the following joints Shoe, 2nd, 3rd, 4th  
Other equipment (liner hanger, D.V. collar, etc.) Insert Fill-up Float 5915

## Cement Volume:

Caliper type                     . Caliper volume                      ft<sup>3</sup> + excess over caliper  
                     ft<sup>3</sup> + float collar to shoe volume                      ft<sup>3</sup> + liner lap                      ft<sup>3</sup>  
+ cement above liner                      ft<sup>3</sup> =                      ft<sup>3</sup> (Total Volume).

## Cement:

Preflush—Water 5 bbls, other                      Volume                      bbls  
First stage, type and additives                     . Weight 12.5 lbs/gal, yield                       
ft<sup>3</sup>/sk, volume 230 sx. Pumpability 4 hours at                      °F.  
Second stage, type and additives                     . Weight 15.5 lbs/gal, yield 1.14  
ft<sup>3</sup>/sk, volume 217 sx. Pumpability 4 hours at                      °F.

## Cementing Procedure:

~~Rotate~~/reciprocate                       
Displacement rate 100 strokes rig pump  
Percent returns during job No returns  
Bumped plug at 4:15 AM/PM with 2000 psi. Bled back 1/2 bbls. Hung csg  
with 210,000 lbs on slips.

## Remarks:

No returns as hole would not stay full.

Drilling Foreman K. W. Crawford  
Date 7/10/75

# CASING AND CEMENTING

Field Altamont Well Ute 1-20B5  
Job: 7 " O.D. Casing/Liner. Ran to 11,249 feet (KB) on 7-27, 197 5

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF 25.50
239	26#	N80	LTC	New	10,385.35	CHF	10,410.85
17	26#	S-95	LTC	New	701.77	10,410.85	11,112.62
Halliburton Diff. Fill Float Collar					1.95	11,112.62	11,114.57
3	26#	S-95	LTC	New	132.00	11,114.57	11,246.57
Halliburton Diff. Fill Shoe					2.43	11,246.57	11,249.00

## Casing Hardware:

Float shoe and collar type Halliburton Diff. Fill

Centralizer type and product number Halliburton latch on.

Centralizers installed on the following joints No.'s 1-2-4-134-135-136

Other equipment (liner hanger, D.V. collar, etc.)

## Cement Volume:

Caliper type Neutron Caliper volume 557 ft<sup>3</sup> + excess over caliper  
450 ft<sup>3</sup> + float collar to shoe volume 20 ft<sup>3</sup> + liner lap -- ft<sup>3</sup>  
+ cement above liner -- ft<sup>3</sup> = 1027 ft<sup>3</sup> (Total Volume).

## Cement:

Preflush--Water 10 bbls, other                      Volume                      bbls

First stage, type and additives BJ lite w/ .04% R-5

Weight 12.4 lbs/gal, yield 3.04

ft<sup>3</sup>/sk, volume 165 sx. Pumpability 4 hours at 200 °F.

Second stage, type and additives Class "G" w/ .04% R-5

Weight 15.9 lbs/gal, yield 1.14

ft<sup>3</sup>/sk, volume 440 sx. Pumpability 4 hours at 200 °F.

## Cementing Procedure:

Rotate/reciprocate Reciprocated while mixing. Drag incurred while disp; did not move.

Displacement rate 7 to 4 bbls./min.

Percent returns during job 50% on first 333 bbls disp. then lost full returns.

Bumped plug at 3:10 ~~XXX~~ PM with 2500 psi. Bled back 4 bbls. Hung csg  
with 370,000 lbs on slips.

## Remarks:

Over-displaced 6 bbls. before bumping plug.

Total disp - 431 bbls.

Drilling Foreman C. Grady, Jr.  
Date 7/28/75



7" Repair Job

CASING AND CEMENTING

Field Altamont Well Ute 1-20B5  
Job: 7 " O.D. Casing/Liner. Ran to \_\_\_\_\_ feet (KB) on \_\_\_\_\_, 197

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF 25.08
						CHF	

34 26# S-95 LT&C Used 1304

Screwed into string @ 1304'; tested w/1500 psi 1 hr, ok.

Set 7" in slips w/285,000#.

Casing Hardware:

Float shoe and collar type \_\_\_\_\_  
Centralizer type and product number \_\_\_\_\_  
Centralizers installed on the following joints \_\_\_\_\_  
Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type \_\_\_\_\_ . Caliper volume \_\_\_\_\_  $\text{ft}^3$  + excess over caliper  
\_\_\_\_\_  $\text{ft}^3$  + float collar to shoe volume \_\_\_\_\_  $\text{ft}^3$  + liner lap \_\_\_\_\_  $\text{ft}^3$   
+ cement above liner \_\_\_\_\_  $\text{ft}^3$  = \_\_\_\_\_  $\text{ft}^3$  (Total Volume).

Cement:

Preflush—Water \_\_\_\_\_ bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
First stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 $\text{ft}^3/\text{sk}$ , volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_  $^{\circ}\text{F}$ .  
Second stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 $\text{ft}^3/\text{sk}$ , volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_  $^{\circ}\text{F}$ .

Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_  
Displacement rate \_\_\_\_\_  
Percent returns during job \_\_\_\_\_  
Bumped plug at \_\_\_\_\_ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
with \_\_\_\_\_ lbs on slips.

Remarks:

Made up 16 turns w/6000# torque

Drilling Foreman K. W. Crawford  
Date 8/11/75

CASING AND CEMENTING

Field Altamont Well Ute 1-20B5  
Job: 5 " O.D. Casing/Liner. Ran to 13,530 feet (KB) on 8/19/, 197 5  
Jts. Wt. Grade Thread New Feet From To  
KB CHF 25.08  
CHF

58 18# N80 SFJP New

Burns Liner Hanger @ 11,058

Howco Diff Fillup Float Collar @ 13,489

Howco Diff Fillup Float Shoe @ 13,531

Casing Hardware:

Float shoe and collar type Howco Diff Fill Collar & Shoe  
Centralizer type and product number Weatherford  
Centralizers installed on the following joints Shoe & every other jt  
plus 2 solid cents in lap  
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type FDC . Caliper volume 476 ft<sup>3</sup> + excess over caliper  
ft<sup>3</sup> + float collar to shoe volume 16 ft<sup>3</sup> + liner lap 3 ft<sup>3</sup>  
+ cement above liner 31 ft<sup>3</sup> = 476 ft<sup>3</sup> (Total Volume).

Cement:

Preflush—Water 3 bbls, other Volume bbls  
First stage, type and additives 3% Gel  
1% D31 + .01 R-5 . Weight 14.6 lbs/gal, yield 1.14  
ft<sup>3</sup>/sk, volume 338 sx. Pumpability 4 hours at 250 °F.  
Second stage, type and additives . Weight lbs/gal, yield  
ft<sup>3</sup>/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:

Rotate/reciprocate  
Displacement rate 6-8 B/M  
Percent returns during job 100%  
Bumped plug at 2:30 AM/PM with 2500 psi. Bled back 1/4 bbls. Hung csg  
with normal wt lbs on slips.

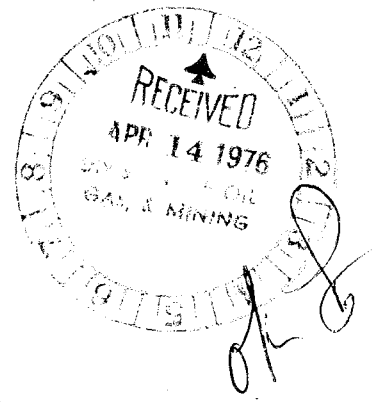
Remarks:

Liner slid down hole, but didn't drop. Filled manually all the way in hole.

Drilling Foreman K. W. Crawford  
Date 8/19/75

K  
FORM OGC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING  
\*\*\*\*\*

Well Name and Number Ute 1-20B5  
Operator Shell Oil Company  
1700 Broadway  
Address Denver, Colorado 80202  
Contractor Brinkerhoff Drilling Company Inc.  
Denver Club Building  
Address Denver, Colorado 80202  
Location SE 1/4, NE 1/4, Sec. 20; T. 2S N; R. 5W E; Duchesne County  
S W

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head -	Fresh or Salty -
1.	<u>No water zones tested or evaluated</u>		
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.  
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

August 6, 1976

Shell Oil Co.  
1700 Broadway  
Denver, Colorado 80202

Re: Well No. Ute 1-20B5  
Sec. 20, T. 2S, R. 5W  
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

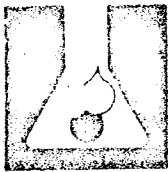
If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK



# LITE RESEARCH LABORATORIES

P.O. Box 114

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2965  
SAMPLE TAKEN 2/24/76  
SAMPLE RECEIVED \_\_\_\_\_  
RESULTS REPORTED \_\_\_\_\_

Sec. 20-25-5W

## SAMPLE DESCRIPTION

FIELD NO. \_\_\_\_\_

COMPANY Shell Oil Company LEASE \_\_\_\_\_ WELL NO. 1-20-B5

FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_

SAMPLE TAKEN FROM \_\_\_\_\_

PRODUCING FORMATION Wasatch TOP \_\_\_\_\_

REMARKS \_\_\_\_\_

SAMPLE TAKEN BY \_\_\_\_\_

## CHEMICAL AND PHYSICAL PROPERTIES

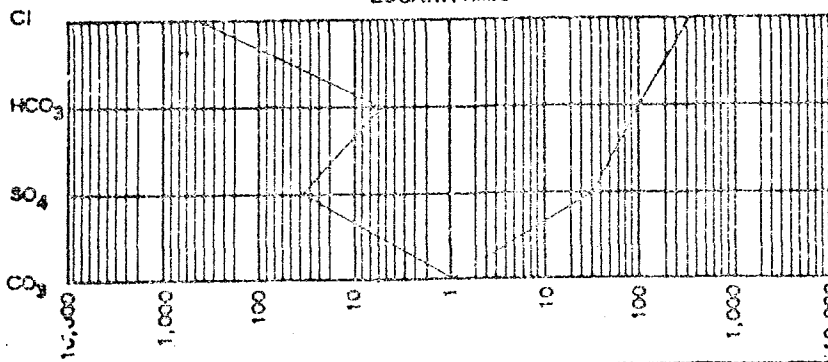
SPECIFIC GRAVITY @60/60° F. 1.0198 pH 6.60 RES. 0.30 OHM METERS @ 77°F

TOTAL HARDNESS 6696.8 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 404.0 mg/L as CaCO<sub>3</sub>

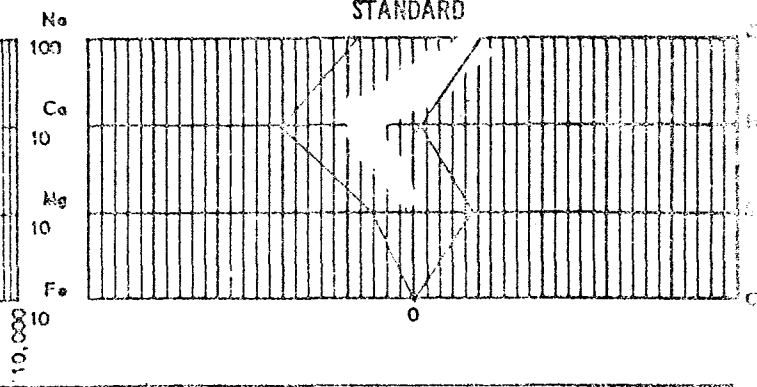
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	2000.0	100.00		
MAGNESIUM - Mg ++	405.0	33.20		
SODIUM - Na +	9500.0	413.04		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	20.0	0.71	546.95	
BICARBONATE - HCO <sub>3</sub> -	404.0	6.73		
CARBONATE - CO <sub>3</sub> --	0	0		
SULFATE - SO <sub>4</sub> --	2240.0	46.67		
CHLORIDE - CL -	18,691.70	526.51	579.91	
TOTAL DISSOLVED SOLIDS	29,680.0			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Tribal 14-20-H62-2507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☒ GAS ☐ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1882' FNL & 768' FEL Section 20

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6268 KB

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-20B5

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SE/4 NE/4 Section 20-  
T2S-R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Recomp

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Recomp

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

APPROVED BY THE DIVISION OF See attachment  
OIL, GAS, AND MINING

DATE: Dec. 16, 1976

BY: P. H. Muscall

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Div. Ops. Engr.

DATE 12/7/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: O&GCC w/attachment

RECOMPLETE

ALTAMONT

SHELL OIL COMPANY

LEASE UTE  
DIVISION WESTERN  
COUNTY DUCHESNEWELL NO. 1-20B5  
ELEV 6268 KB  
STATE UTAH

FROM: 9/15 - 11/24/76

UTAHALTAMONTShell-Ute 1-20B5  
(Recomp)

"FR" TD 13,530. PB 13,428. WO #421057 provides funds to recomplete. MI&RU. Blew well down. Loaded tbg & csg w/prod wtr. Installed & tested BOP. Pulled 50 stds tbg. SD overnight.

SEP 15 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. Pulled tbg & seal assembly. Ran Bkr DR plug & stung into FA pkr @ 12,600'. Spt'd 4 sx 20-40 mesh sd on top of DR plug & pkr. Pulled 10 stds tbg & circ'd out gas. SD overnight.

SEP 16 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. MI&RU OWP. Set Bkr 5" FA pkr w/top @ 11,616; no KO plug. RD&MO OWP. Ran prod tbg, latch-in seal assembly & +45 seat'g nip on 2-7/8 tbg.

SEP 17 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. 9/17 Circ'd well w/inh'd wtr as per Oil Letter #1. Latched into pkr & attempted to press test & well circ'd 4 B/M @ 1200 psi. Drop'd SV; stuck in Camco mandrel. RIH w/sinker bars on sdline & pushed SV to SN. Tbg would not test. Pulled tbg; mandrel split. Tested tbg left to 7500 psi, ok. RIH w/prod string. 9/18 Circ'd w/inh'd wtr & latched into pkr. Tested tbg to 7500 psi, ok. Installed & tested 10,000# tree. Rig released @ 5 p.m. 9/18/76.

SEP 20 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. Prep to perf.

SEP 21 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. RIH w/2" hollow carrier gun & perf'd 17 holes as per prog (12,265-12,176). Press before perf'g 900 psi; press after perf'g 800 psi. RD&MO OWP. SI well.

SEP 22 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. No report.

SEP 23 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. RU BJ & AT perfs 12,265-12,176 (17 holes) w/98 bbbs 15% HCl as per prog. Max TP 10,000 psi (5 ball outs), min 7600, avg 8800. Max rate 13 B/M, min 5, avg 8. ISIP 5400 psi, 5 mins 5300, 10 mins 5000, 15 mins 4800. Flushed trtmt w/85 bbbs prod wtr. 3-hr SITP 4000 psi. Opened well to pit; bled off in 1 min. Built to 1100 psi. Opened back to pit 1 hr; well dead. SD overnight.

SEP 24 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. 9/24 SITP 3450; bled off. Flwd approx 3 BW. SI 3 hrs; TP went to 1200 psi. Opened well on 30/64 chk; flwd 10 mins & died. Would not press up again. Backed well down w/40 bbls diesel & 40 BW @ 5800 psi. SI well.

SEP 27 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. SI. (Report discontinued until further activity)

SEP 28 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. 9/28 SITP 4800 psi; bled to 950 in 2 mins. OWP perf'd 12,528-12,275 (32 holes) on 1st run. TP incr'd from 950-990 psi. Second run perf'd 12,167-11,952 (23 holes). TP before & after perf'g 1150 psi. RD&MO OWP. SI well overnight.

SEP 29 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. SITP 2500; CP 2000. RU Dowell. Tested lines & tree to 10,000#. Pmp'd 4 bbls acid down tbg; CP incr'd w/tbg SD. Bled tbg down. Rec'd acid. Ran std'g valve to SN @ 11,618. Press tested tbg to 3500#; CP also increased to 3500#. Possible hole in tbg cr gas mandrel.

SEP 30 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. SI.

OCT 01 1976

Shell-Ute 1-20B5  
(Recomp)

OCT 04 1976 TD 13,530. PB 13,428. SI

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. SI.

OCT 05 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. MI&RU CWS #8 10/4. Set BPV in tbg hanger, removed prod tree & set 5000# BOP's. Released tbg string & circ'd hole w/prod wtr to kill well. Pulled tbg & 6 Camco mandrels w/dummy valves; found tbg ruptured @ 10,000'. Bkr FA pkr @ 11,615. Left 1000' tbg in hole overnight for circ. SD for night.

OCT 06 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. Ran redressed seal assembly, seat'g nip w/SV in place & tbg. Press tested to 7500 psi; bled to 7350 in 40 mins. Fin'd run'g tbg & latched into pkr @ 11,615 & landed tbg w/6000# tension. Press'd tbg & donut to 7500#; tbg ruptured. SI tbg & SD for night. Pulled 366 jts 2-7/8 tbg & found ruptured jt @ approx 9200'. Prep to replace tbg. SD for night.

OCT 07 1976



Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,428. RIH w/ addressed seal assembly, seat'g nip, SV & 2000' new tbg. Ran 1700' used tbg + 80 jts. Press tested to 7500 psi; lost 100 psi in 30 mins. Ran remaining 169 jts, latched into pkr & landed on donut. Press tested complete string to 7500 psi for 5 mins, ok. Removed 5000# BOP's & installed 10,000# tree. Tested complete string & tree to 7500 psi; lost 200 psi in 30 mins. Turned well over to prod.

OCT 08 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 12,557. 10/8 Prep to flw. Press'd tree to 10,000#. AT perfs 11,952-12,528 (12 holes) w/294 bbls 15% HCl (72 ball sealers). Flushed w/40 bbls prod wtr foll'd w/50 bbls diesel. Max press 9100 psi, min 8400, avg 8700. Max rate 13.5 B/M, min 9, avg 12. ISIP 4600 psi, 5 mins 4600, 10 mins 4400, 15 mins 4300. Held 3400 on annulus during trtmt. ISIP after diesel pmp'd 4800. Ran GR from PB 12,557 to 11,500. Showed acid went into perfs from 12,538-12,505, perfs 12,499-12,410 did not take acid & perfs 12,406-11,952 took acid. 10/9 SITP 4500. Opened well on 20/64" chk w/3500 psi TP. Opened to 30/64 & press drop'd to 800 psi. Opened well up to trt'r @ 12:30 p.m. with 500 psi on 21/64; no oil or wtr. At 2:30 p.m. w/300 psi on 30/64 made 65 BO, 0 wtr. At 3:30 p.m. w/100 psi on 1" chk made 21.5 BC, 15 BW.

OCT 11 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 12,557. On 24-hr test, prod 119 BO, 64 BW, 158 MCF gas w/50 psi.

OCT 12 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 12,557. On 24-hr test, prod 16 BO, 6 BW, 59 MCF gas w/50 psi.

OCT 13 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 12,557. SI.

OCT 14 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. RU Newsco & HOT. Ran CT to 8000' while pmp'g hot diesel to unplug tbg. Pmp'd total of 40 bbls. RU N2 trk to jet well while POOH w/CT. HOT backed well down w/40 bbls diesel; TP 250 psi. Prep to run 72-hr BHPB.

OCT 15 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. SI.

OCT 18 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. SI for BHP.

OCT 19 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. SITP 3200. MI&RU BJ & pmp'd 13 bbls wt'd inh'd gelled 10% acetic acid & flushed w/65 bbls prod wtr. Max press 5000 psi @ 2 B/M. RD&MO BJ. Prep to perf.

OCT 20 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. Well SI 24 hrs.

OCT 21 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. Well SI 24 hrs.

OCT 22 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. SI.

OCT 25 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. SI.

OCT 26 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. 10/26 MI&RU OWP. SITP 3500 psi.  
Perf'd w/2-1/16 carrier gun as per prog: Run #1 - 12,530-  
12,403 (38 holes). Press remained @ 3500 psi. Run #2 -  
12,396-12,242 (37 holes). Press remained @ 3500 psi.  
Run #3 - 12,240-12,083 (38 holes). Press gradually incr'd  
to 3650. Run #4 - 12,081-11,956 (37 holes). Press 3650#  
before perf'g & decr'd after 7th shot to 3550. POOH &  
RD&MO OWP. SI well  
(Report discontinued until further activity) OCT 27 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. (RRD 10/27/76) MI&RU Hal. TP &  
CP 4500 psi. Bled csg to 1000#; tbg also drop'd. Press'd  
csg to 3000# & TP went to 3000#. Bled csg & tbg down to  
1700#. SI well. RD&MO Hal. Unable to trt due to hole  
in tbg.  
(Report discontinued until further activity) NOV 05 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. (RRD 11/5/76) MI&RU Rig #17.  
Bled csg to pit. Unlatched from pkr & circ'd wtr down  
tbg & out csg; killed well. Pulled 2000' tbg. SI well  
for night.

NOV 09 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. Left latch & seals in hole.  
Rec'd collar off top latch-in seal assembly, therefore,  
cannot fish seal body. PU Bkr 5" mill; cannot pick pkr  
w/seal body in pkr. Milled on pkr 2 hrs; having trbl  
circ'g. - apparently rubber. Reverse circ'd clean. SI  
well overnight.

NOV 10 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. Milled on pkr 2 hrs w/o cut'g free.  
Could not circ while mill'g; circ'd easily if PU 1'. After  
mill'g 2 hrs, could not get any torque. Pulled up & circ'd  
hole clean. POOH; top half of pkr & remains of latch-in seal  
assembly jammed into mill. Seal assembly badly acid eaten.  
RIH w/new mill shoe. SI overnight.

NOV 11 1976

Shell-Ute 1-20B5  
(Recomp)

NOV 12 1976

TD 13,530. PB 13,500. Milled over pkr & pushed to btm.  
POOH. RU OWP & ran Bkr 5" FA pkr w/KO plug in place.  
Set pkr @ 11,585. Ran 71 stds of tbg & seal assembly.

Shell-Ute 1-20B5  
(Recomp)

NOV 15 1976

TD 13,530. PB 13,500. 11/13: Pushed pkr to bottom  
@ 12,600'. Ran 366 jts tbg. Latched in & spaced out.  
Dropped standing valve. Test tbg to 7500, ok. Installed  
10,000# tree. Rigged down. 11/14: S.I. 18 hrs. Acid  
treated perfs 11,857-12,530 w/485 bbls 15% HCl, 240 ball  
sealers, 2750 # of OS-130 Unibeads as per prognosis. Flushed  
w/40 bbls prod wtr plus 50 bbls diesel, total load 575 bbls.  
Max TP 9100, avg TP 8500, Min TP 6300. Max rate 16 BPM,  
Avg rate 14 BPM, Min rate 10 BPM. ISIP 4800, 5 min  
4100, 10 min 4500, 15 min 4700. Pumped 50 bbls diesel  
ISIP 5100, 3 hrs 4500 (good ball action). Ran GR tracer  
log 12,556 to 11,500. Log indicates most all perforations  
took treatment. 11/15: Flowing to battery 20/64" choke  
2000 FTP. In 18 hrs flowed 750 BO, 116 BW. Installed 5000#  
Tree. Turned well to battery.

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On 24 hr test well prod  
968 BO, 144 BW, 808 MCF gas w/1750 FTP. NOV 16 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On 24 hr test well prod  
374 BO, 41 BW, 242 MCF gas w/2650 FTP. NOV 17 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. No test reported. NOV 18 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On 24-hr test, prod 0 BO, 0 BW,  
0 MCF gas w/2650 psi. NOV 19 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
<u>11/19</u> :	10	179	1	91	2400
<u>11/20</u> :	24	1338	90	1878	1100
<u>11/21</u> :	24	1144	30	1594	1000

NOV 22 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On 24-hr test, prod 832 BO, 21 BW,  
1139 MCF gas w/925 psi. NOV 23 1976

Shell-Ute 1-20B5  
(Recomp)

TD 13,530. PB 13,500. On 24-hr test 9/11/76 before work,  
prod 111 BO, 0 BW, 158 MCF gas w/250 psi. On 24-hr test  
11/23/76 after work, prod 906 BO, 17 BW, 1093 MCF gas  
w/900 psi.  
FINAL REPORT.

NOV 24 1976

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <b>SHELL Oil Company</b></p> <p>3. ADDRESS OF OPERATOR <b>P.O. Box 831 Houston, TX 77001 ATTN: P.G. Gelling RM. #6459 WCK</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1882' FNL &amp; 768' FEL SEC-20</b></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <b>Tribal 14-20-H62-2507</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <b>CA 9C-000143</b></p> <p>8. FARM OR LEASE NAME <b>UTE</b></p> <p>9. WELL NO. <b>1-20B5</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>ALTAMONT</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE 1/4 NE 1/4 T2S R5W</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6268' KB</b></p>	<p>12. COUNTY OR PARISH <b>DUCHESSNE</b></p> <p>13. STATE <b>UTAH</b></p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1/12/82

BY: B. J. Knight

18. I hereby certify that the foregoing is true and correct

SIGNED W. E. L. Kettlmore

TITLE DIVISION PROD. ENGINEER

DATE 12-29-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

REMEDIAL PROGNOSIS  
UTE 1-20B5  
SECTION 20, T2S, R5W  
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 100%

Elevation (KB): 6268'  
Elevation (GL): 6238'  
TD: 13,530'  
PBSD: 13,500' (BP and packer at 13,480')  
Casing: 13-3/8", 54.5#, K-55 to 295'; 9-5/8", 36#, K-55 to 6000'; 7", 26#, N-80 and S-95 to 11,249'  
Liner: 5", 18#, N-80; top at 11,048', bottom at 13,531'  
Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,841'  
Packer: 7" Baker tubing anchor at 10,682'  
Perforations: 11,128'-13,449' (552 holes)  
Artificial Lift: Beam pump  
Current Status: Averaging 50 BOPD + 215 BWPD (80% wc) + 100 MCFPD  
Objective: CO<sub>2</sub> perforate and stimulate the Wasatch Upper Transition.

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. Pull rods and pump. POOH with tubing and 7" tubing anchor at 10,682'.
3. RIH with bit or mill CO casing to 11,048' (top of 5" liner). RIH with 7" CIBP and set at 11,020'±. Spot 1 sack of sand on top of CIBP. Pressure test plug to 3000 psi.
4. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
  - a. Perforate using a 4" O.D. casing gun with 19 gram charges 120° phasing.
  - b. Record and report wellhead pressure before and after each run.
  - c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 9/6/75.
5.
  - a. If well can be controlled with water after perforating, run a 7" full-bore packer on tubing and set at 10,080'±. Test tubing to 6500 psi.
  - b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at 10,080'±. Run tubing, latch into packer and flow wells for 1± day to clean up perfs. Continue to Step 6.
6. Acid treat perfs 10,183'-10,958' (168 new) with 25,000 gallons of 7-1/2% HCl as follows:
  - a. Pump 100 gallons 7-1/2% HCl.

- b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 120 gallons.
- c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
- d. Repeat Step (b) 4 more times and Step (c) 3 more times for a total of 5 stages acid and 4 of diverting material (total 25,000 gallons acid and 166 ball sealers).
- e. Flush with 110 bbls of clean produced water.

Notes: (1) All acid and flush to contain 6 gallons G-10/1000 gallons HCl or equivalent for +70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).  
(2) All acid contain 3 gallons C-15/1000 gallons HCl for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).  
(3) Maintain 2500 psi surface casing pressure during treatment if possible.  
(4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.  
(5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.  
(6) Record ISIP and shut-in pressure decline for at least 20 minutes.

- 7. Run RA log from CIBP to 9950'±.
- 8. a. If well flows such that it cannot be controlled easily with water, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.  
b. If well does not flow, continue with Step 9.
- 9. a. If a 7" fullbore packer was used in Step 5a, POOH with tubing and packer.  
b. If a 7" Model "D" packer was used in Step 5b, POOH with tubing and seals. RIH with mill out 7" Model "D".
- 10. RIH, circulate sand (if necessary) and mill out CIBP at 11,020'±. Proceed to Step 11.
- 11. RIH with tubing and 7" tubing anchor. Set anchor at 9975'±. RIH with rods and pump and install as shown in Attachment II.
- 12. Return well to production.
- 13. Report well tests on morning report until production stabilizes.

Requested By M.E. Bothwell  
M. E. Bothwell  
10/23/81

Approved By W.F.N. Kollberg  
I.A.O. D. D. Laumbach

Date 10/23/81

ATTACHMENT I

Depth reference is OWP's CBL/GR dated 9/6/75.

10958	10731	10531	10360
933	716	527	350
900	700	520	337
888	687	507	300
878	672	503	288
856	669	491	275
852	656	482	271
826	642	435	255
816	622	431	230
810	609	415	218
781	592	412	213
760	585	394	209
754	550	390	187
743	540	375	183

Total 168 perforations (3 JSPF at 56 depths).



# SHELL OIL COMPANY PHYSICAL AND/OR ORIFICE METER TEST REPORT

DATE 10-18-82 FIELD Altamont PROD. FORM.  
PRODUCER Shell Oil Co PURCHASER  
LEASE 1-20BS Prod Gas TYPE GAS Wet USED FOR Salvo  
LOCATION 1-28BS Bath SEC. BLOCK TWP. R. SUR.  
WELLS CONNECTED COUNTY Duch STATE Utah

GPM TEST		DIFF. GAUGE				METER INFORMATION		FACTORS	
COMP. <input type="checkbox"/>	CHAR. <input type="checkbox"/>	FOUND		LEFT		METER MAKE	FB		
TRAP PRESS.		U-TUBE	GAUGE	U-TUBE	GAUGE	SERIAL NO.	FPB		
LINE PRESS.		LOWER LIMIT	-15	LOWER LIMIT	-4	DIFF. RANGE	0-100"wx		
ATMOS. TEMP.		ZERO	+1	ZERO	0	STATIC RANGE	0-100"		
GAS TEMP.		20	20	20	20	CHART NO.	L-10-S		
CU. FT. GAS RUN		50	50	50	50	LINE SIZE	4026		
CU. FT. GAS RUN AT _____ OZ. @ 60°F		80	78	80	80	ORIFICE SIZE	.750		
CONDENSER TEMP.		100	98	100	100	AVG. DIFF.	3.0		
ACCUM. PRESS.		UPPER LIMIT	+20	UPPER LIMIT	+4	AVG. STATIC	6.5		
CC. RECOVERY RAW		STATIC GAUGE				GAUGE TAPS	Flange		
TEMP. RAW						INSTALLED			4 x .750
GALS. PER M. RAW		FOUND		LEFT		BASIC			
CC. WEATHERED TO 60°F		DEAD WGT.	GAUGE	DEAD WGT.	GAUGE	MEAS. POINT IDENT			
GALS. PER M AT 60°F		30	30	30	30	SYSTEM			
						BASIC MEAS. POINT			
						VALKIND			

CARD TYPE 04

CARD TYPE	TEMP.	SPECIFIC GRAVITY	EFFECTIVE DATE COEFFICIENT	ORIFICE SIZE
14	15	16	17	18
19	20	21	22	23
24	25	26	27	28
29	30	31	32	33
0.4	1.1	0.800	10.1882	0.0750

AVER. DIFF. PRESS.

0.09

AVERAGE STATIC PRESSURE

0.042

CARD TYPE 05

CARD TYPE	MO.	DAY	YR.
14	15	16	17
18	19	20	21
0.5			

HEXANE PLUS				
C <sub>7</sub> <sup>+</sup>				
74	75	76	77	78

REMARKS: Meter Calibration & Orifice Plate Change Pen Arc & Factor 294

M. 10 D. 18 19 82 Roy Sorensen  
SIGNATURE OF TESTER

SIGNATURE OF WITNESS



# Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout  
State of Utah  
Natural Resources  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS  
FROM SHELL OIL COMPANY TO  
SHELL WESTERN E&P INC.  
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

*G. M. Jobe*

G. M. Jobe  
Administrator, Regulatory-Permits  
Rocky Mountain Division  
Western E&P Operations

GMJ:beb

Enclosures

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUB IN TRIPLICATE\*  
(Refer instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Shell Western E&amp;P Inc. ATTN: C. A. Miller 6494 WCK.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1882' FNL &amp; 768' FEL Sec. 20</p> <p>14. PERMIT NO.  15. ELEVATIONS (Show whether OF, AT, OR, etc.) KB 6268'</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Tribal 14-20-H62-2507</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME CA 9C-000143</p> <p>8. FARM OR LEASE NAME UTE</p> <p>9. WELL NO. 1-20B5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA Sec. 20 T2S R5W SE/4 NE/4</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
--	--

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Current Status: Currently producing 25 BOPD + 135 BWPD + 20 MCFGPD from the Wasatch (10,183'-13,449').

Proposed Work: Acid treat perforated interval (10,183'-13,449') with 50,000 gallons 15% HCl. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED R. L. Fannin IAO C.A. MILLER

TITLE Div. Oper. Engr.

DATE 3/12/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

PRINT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>2. NAME OF OPERATOR</b> Shell Western E&P Inc ATTN: E. A. Vajnar 6486 WCK. <b>3. ADDRESS OF OPERATOR</b> P. O. Box 831 Houston, Tx. 77001 <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1882' FNL & 768' FEL Sec. 20		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Tribal 14-20-H62-2507 <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b> CA 9C-000143 <b>8. FARM OR LEASE NAME</b> UTE <b>9. WELL NO.</b> 1-20B5 <b>10. FIELD AND POOL, OR WILDCAT</b> Altamont <b>11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA</b> Sec. 20 T2S R5W SE/4 NE/4 <b>12. COUNTY OR PARISH</b> Duchesne <b>13. STATE</b> Utah
<b>14. PERMIT NO.</b>	<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) KB 6268'	

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

COMPLETED OPERATIONS  
(3/19-30/84)

Acid treated Wasatch (10,183'-13,449') with 67,000 gallons  
15% HCl. Returned well to production.

**18. I hereby certify that the foregoing is true and correct**

SIGNED E. A. VAJNAR

TITLE Div. Oper. Engr.

DATE 4/18/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:  
WO NO.:  
FOREMAN:  
RIG:  
AUTH. AMNT:  
DAILY COST:  
CUM. COST:  
TYPE OF JOB:  
OBJECTIVE:

FIRST REPORT  
511297  
K.C. LAROSE  
WOW 19  
76000  
2285.40  
2285.40  
REMEDIAL OIL AND GAS  
C.O. AND STIMULATE THE WASATCH

DATE(S):  
PRESENT STATUS:

3-19-84  
RIG UP EQUIP

ACTIVITY:

\*02\*  
\*03\*  
\*04\*  
\*05\*  
\*06\*  
\*07\*  
\*08\*  
\*09\*  
\*10\*

MIRU. SPOTTED EQUIP. REMOVED HORSES HEAD. LAID  
DOWN POLISH ROD. UNSEATED PUMP. FLUSHED TBG. WITH  
HOT WTR. POOH WITH PUMP AND RODS. LAID DOWN ROD  
PUMP. REMOVED ROD EQUIP. FROM WELLHEAD. REMOVED  
TBG. HANGER. RELEASED ALC. PUT TBG. HANGER ON  
LANDED TBG. PUT BOP ON. RIGGED UP FLOOR REMOVED  
TBG. HANGER MOVED OVER 31 JTS. OF WORKSTRING.  
RIH TAGGED 5 IN. LINER TOP AT 11048 FT. ALC HUNG  
UP. GOT ALC LOOSE. POOH WITH 100 FT. OF TBG.  
DRAINED PUMP AND LINES. SDON.

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: UTE 1-20B5

LABEL: -----  
WO NO.: 511297  
FOREMAN: K.C. LAROSE  
RIG: WOW 19  
AUTH. AMNT: 76000  
DAILY COST: 3543 & 3460  
CUM. COST: 9289.24  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. AND STIMULATE THE WASATCH

DATE(S): 3-20-84 & 3-21-84  
PRESENT STATUS: DRILLING AND CLEAN OUT

ACTIVITY:

\*02\* 3-20 BLED WELL OFF. PUMPED 30 BBLS WTR DOWN TBG. POOH LAID DOWN ALC AND + 45 SEATING NIPPLE. PICK  
\*03\* ED UP 4 1/8 IN. MILL AND CLEAN OUT TOOL. RIH WITH  
\*04\* 356 JTS TBG. TAGGED 5 IN. LINER TOP AT 11048 FT.  
\*05\* COULD NOT GET THROUGH. PICKED UP POWER SWIVEL.  
\*06\* DRILL THROUGH LINER LTOP. MOVED OVER 80 JTS OF  
\*07\* WORKSTRING LAID DOWN POWER SWIVEL. STARTED PICK  
\*08\* ING UP TBG TAGGING SCALE EVERY 15 FEET AND FALL-  
\*09\* ING THROUGH. TAGGED HARD SPOT AT 11256 FT. PICKED  
\*10\* UP POWER SWIVEL START DRILLING FELL THROUGH CLEAN  
\*11\* OUT TO 11306 FT. LAID DOWN POWER SWIVEL. PULLED  
\*12\* OUT OF 5 IN. LINER. SDON  
\*13\* 3-21 BLED WELL OFF. PUMPED 20 BBLS WTR DOWN CSG  
\*14\* RIH WITH 10 JTS. TBG. TAGGED 5 IN. LINER TOP. WORK  
\*15\* THRU LINER TOP 4 TO 5 TIMES. START PICKING UP TBG  
\*16\* TAG AT 13358 FT. PICKED UP POWER SWIVEL STARTED  
\*17\* DRILLING CLEANED OUT TO 13420 FT. TOOL QUIT STRO-  
\*18\* KING PBTD AT 13500 FT. LAID DOWN POWER SWIVEL.  
\*19\* LAID DOWN 110 JTS OF WORKSTRING START POOH WITH  
\*20\* PROD. STRING. PULLED 112 STDS. SDON

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:

-----

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

3073.40

CUM. COST:

12362.64

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

3-22-84

PRESENT STATUS:

HYDRO TEST

ACTIVITY:

\*02\*

\*03\*

\*04\*

\*05\*

\*06\*

\*07\*

\*08\*

\*09\*

\*10\*

bled well off. PUMPED 20 BBLs WTR. DOWN TBG.  
FINISHED POOH LAID DOWN 4 1/8 IN. MILL AND CLEAN  
OUT TOOL. BOTTOM 2 JTS. FULL OF SCALE. MILL WAS  
PLUGGED WITH A PIECE OF METAL. RIGGED UP HYDRO  
TESTER. PICKED UP 7 IN. MT STATES HD PKR. + 45  
SEATING NIPPLE TESTED 322 JTS. TO 7000 PSI. BLEW  
UP 4 JTS. REPLACED 4 JTS. RIG DOWN HYDRO TESTER  
SET PKR. AT 10095 FT. WITH 30000 LBS. COMPRESSION  
LANDED TBG. FILLED CSG. AND TESTED TO 1500 LBS. OK  
DRAINED PUMP AND LINES. SDON.

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: UTE 1-20B5  
  
LABEL: -----  
WD NO.: 511297  
FOREMAN: K.C. LAROSE  
RIG: WOW 19  
AUTH. AMNT: 76000  
DAILY COST: 1943 & 1961  
CUM. COST: 16266.99  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. AND STIMULATE THE WASATCH

DATE(S): 3-23 & 3-24  
PRESENT STATUS: BLEW TBG. UP

ACTIVITY: 3-23 BLEW WELL OFF. PUMPED 30 BBLS WTR DOWN TBG  
\*02\* REMOVED BOP. PUT 10000 LB. WELL HEAD ON. RIG UP  
\*03\* NOWSCO HOOKED UP POP-OFFS. PUT 1480 PSI ON CSG.  
\*04\* TBG. BLEW UP. RIG NOWSCO DOWN. REMOVED WELLHEAD.  
\*05\* PICKED UP DONUT PKR. STILL SET. PUT BOP ON. RE-  
\*06\* LEASED PKR REMOVED TBG HANGER POOH. FOUND COLLAP-  
\*07\* SED TBG AT 8200 FT. LAID DOWN BAD JT. SET PKR.  
\*08\* PRESS. TESTED THE CSG. TO 1500 PSI OK. RELEASED  
\*09\* PKR. START BACK IN HOLE. SDON.  
\*10\* 3-24 BLEW WELL OFF. PUMPED 20 BBLS WTR DOWN TBG.  
\*11\* FINISHED RIH WITH 322 JTS. TBG. SET PKR AT 10095  
\*12\* FT. WITH 30000 LB. COMPRESSION. LANDED TBG. FILL-  
\*13\* ED AND PRESS. TESTED CSG. TO 1500 PSI. OK. REMOVED  
\*14\* BOP PUT WELLHEAD ON RIG UP NOWSCO HELD 1500 PSI  
\*15\* ON CSG. WITH RIG PUMP. PUMPED 24000 GALS. ACID TBG  
\*16\* BLEW UP AT 7400 PSI. PUMPED 110 BBLS FLUSH WTR. RIG  
\*17\* DOWN NOWSCO. REMOVED WELLHEAD PUT BOP ON. RELEASED  
\*18\* PKR. REMOVED TBG. HANGER. STARTED OUT OF HOLE.  
\*19\* DRAINED PUMP AND LINES. SDON.

STATE: UTAH  
FIELD: ALTAMONT

WELL: UTE 1-20B5

LABEL: -----  
WD NO.: 511297  
FOREMAN: K.C. LAROSE  
RIG: WOW 19  
AUTH. AMNT: 76000  
DAILY COST: 2218.40  
CUM. COST: 18485.39  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. AND STIMULATE THE WASATCH

DATE(S): 3-26-84  
PRESENT STATUS: LAY DOWN TBG.

ACTIVITY: BLEW CSG. OFF. 800 PSI. TOOK 2 1/2 HRS. TO BLEED  
\*02\* OFF. BLEW TBG OFF. PUMPED 30 BBLS. WTR DOWN TBG.  
\*03\* STARTED LAYING DOWN TBG. LAID DOWN 104 JTS. AND  
\*04\* PKR. RIH WITH 109 STANDS OF TBG. LAID DOWN 100 JTS  
\*05\* OF TBG. LOADED TRUCK WITH 204 JTS. OF 2 7/8 IN. TBG  
\*06\* LAID DOWN 60 JTS. OF TBG. SDON.



STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:

-----

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

1943.40

CUM. COST:

20428.79

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

3-27-84

PRESENT STATUS:

TEST CSG.

ACTIVITY:

\*02\*

CSG. HAD 200 PSI. BLED CSG OFF TO MUD TANK. BLED

\*03\*

TBG OFF PUMPED 30 BBLs WTR DOWN TBG. FINISHED

\*04\*

LAYING DOWN TBG. LOADED OUT TRUCK WITH 118 JTS.

\*05\*

OF 2 7/8 IN. TBG. MOVED FLOAT OVER TO PIPE RACKS

\*06\*

UNLOADED TRUCK AND TALLYED 164 JTS. OF 2 7/8 IN.

\*07\*

TBG. PICKED UP MT STATES HD PKR. AND + 45 SEATING

\*08\*

NIPPLE. STARTED PICKING UP TBG. PICKED UP 324

\*09\*

TOTAL JTS. TBG. SET PKR AT 10060 FT. WITH 30000

\*10\*

LBS COMPRESSION. LANDED TBG. FILLED CSG WITH 250

\*11\*

BBLs WTR. TESTED TO 1000 PSI. OK. DRAINED PUMP AND  
LINES. SDON.

STATE:

UTAH

FIELD:

ALTAMONT

WELL:

UTE 1-20B5

LABEL:

-----

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

63903

CUM. COST:

84332

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

3-28-84

PRESENT STATUS:

3-28-84 REMOVE 10000 TREE BOP ON

ACTIVITY:

\*02\*

3-28-84 ACTIVITY: BLED TBG. OFF PUMPED 30 BBLs.

\*03\*

WTR. DOWN TBG. REMOVED BOP PUT 10000 LBS

\*04\*

W.H. ON R.U. NOWSCO PUMPED 43000 GALS. OF 15% HCL

\*05\*

ACID 14000 LBS. BAF 670 BALL SEALERS HELD 1500

\*06\*

PSI ON BACKSIDE W/RIG PUMP MAX RATE 25.2 BBL PER MIN

\*07\*

MIN RATE 13 BBLs PER MIN AVE RATE 21.2 BPM MAX PSI

\*08\*

8320 PSI MIN PSI 1550 PSI AVE PSI 7825 PSI ISIP 2200

\*09\*

PSI 5 MIN 700 PSI 10 MIN 10 PSI 15 MIN VACUUM . R.D.

\*10\*

NOWSCO REMOVED 10000 LBS. W.H. PUT

\*11\*

BOP ON RELEASED PKR. PUMPED 300 BBLs WTR. DOWN

TBG. S.O.O.H. DRAIN PUMP AND LINES S.D.O.N.

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:

-----

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

1943.40

CUM. COST:

86275.55

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

3-29-84

PRESENT STATUS:

3-29-84 R.D. TBG EQUIP R.U. ROD EQUIP.

ACTIVITY:

\*02\*

\*03\*

\*04\*

\*05\*

\*06\*

\*07\*

\*08\*

\*09\*

\*10\*

\*11\*

\*12\*

\*13\*

3-29-84 ACTIVITY: RIG CREW ATTENDED SAFETY MEETING AT SHELL OFFICE FROM 7:30 A.M. TO 9:00 A.M. CSG. HAD 400 PSI ON IT BLED CSG OFF TO PIT BLED TBG. OFF GOT GAS OIL PUMPED 100 BBLs. WTR DOWN TBG. TBG. WENT ON VACUUM TOOK 3 HRS. TO KILL WELL STARTED OUT OF HOLE TBG. BLEW IN PUMPED 50 BBLs. WTR DOWN TBG. FINISHED POOH LAID DOWN PKR. PICKED UP 7 INCH 26 INCH A/C 1 JT. OF TBG. AND 45 SEATING NIPPLE RIH W/351 JTS. OF 2 7/8 INCH TBG. ADDED 4 FT. TBG. SUB. SET A/C AT 11022 FT. W/20000 LBS. TENSION LANDED TBG. REMOVED BOP AND TBG HANGER TOOK OUT 4 FT SUB LANDED TBG R.D. TBG EQUIP. R.U. ROD EQUIP. AND PUT ROD EQUIP. ON WELL HEAD DRAINED PUMP AND LINES S.D.O.N.

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:

-----

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

1688.40

CUM. COST:

87963.95

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

3-30-84

PRESENT STATUS:

FINAL RIG REPORT

ACTIVITY:

\*02\*

\*03\*

\*04\*

\*05\*

\*06\*

\*07\*

bled well off. PUMPED 50 BBLs WTR. DOWN TBG. HOOK-ED UP FLOWLINE TO FLOW TEE. PICKUP 1 1/2 IN. ROD PUMP PICKUP 24 NEW 3/4 IN. RODS RIH WITH RODS PICKUP POLISH ROD. SPACE OUT ROD PUMP. FILLED AND PRESS. TESTED TBG. TO 1000 PSI. OK. HUNG HORSES HEAD ON. PUT BACK ON PRODUCTION. TESTED ROD PUMP TO 800 PSI. OK. RIG DOWN RIG AND EQUIP. SDON.

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

UTE 1-20B5

LABEL:

FINAL REPORT

WO NO.:

511297

FOREMAN:

K.C. LAROSE

RIG:

WOW 19

AUTH. AMNT:

76000

DAILY COST:

0

CUM. COST:

87964

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

C.O. AND STIMULATE THE WASATCH

DATE(S):

4-18-84

PRESENT STATUS:

WELL ON PRODUCTION

LATEST TEST:

7 DAY AVG. 75 OIL 84 WTR 86 MCF

ACTIVITY:

RIG MOVED FROM LOCATION ON 4-2-84. WELL IS ON A  
64 TBG. CHOKE AND A TBG PRESS OF 75 LBS. PROD.  
ON WELL BEFORE WORKOVER IS AS FOLLOWS.

\*02\*

25 OIL 107 WTR 18 MCF.

\*03\*

\*04\*

7 DAY TEST SINCE.

\*05\*

\*06\*

4-11 19 OIL 94 WTR. 60 MCF

\*07\*

4-12 100 OIL 82 WTR 98 MCF

\*08\*

4-13 92 OIL 61 WTR 102 MCF

\*09\*

4-14 81 OIL 75 WTR 85 MCF

\*10\*

4-15 79 OIL 77 WTR 86 MCF

\*11\*

4-16 76 OIL 94 WTR 86 MCF

\*12\*

4-17 78 OIL 108 WTR 86 MCF

PRD42705419

4241 State Office Building-Salt Lake City, Ut. 84114. 801-533-5771

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

UTEX OIL CO.  
% SHELL WESTERN E&P INC.

PO BOX 576

HOUSTON

TX

77001

ATTN: R.T. KENT, OIL ACCT.

Operator name  
change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
						Oil (BBL)		
X FARNSWORTH 1-07B4	4301330097	01600 02S 04W 7	WSTC	51	0	0	0	0
X FARNSWORTH 1-13B5	4301330092	01610 02S 05W 13	WSTC	21	685	2847	4206	
X BROTHERSUN 1-10B4	4301330110	01615 02S 04W 10	WSTC	0	0	0	0	
X BROTHERSUN 2-10B4	4301330443	01615 02S 04W 10	WSTC	23	2785	1640	12686	
X CHATWIN 1-21A4	4301330101	01620 01S 04W 21	GRRV	23	1604	1584	6220	
X POWELL 1-33A3	4301330105	01625 01S 03W 33	WSTC	0	0	0	0	
X BABCOCK 1-12B4	4301330104	01630 02S 04W 12	WSTC	22	923	1016	7871	
X HANSON TRUST 1-05B3	4301330109	01635 02S 03W 5	GR-WS	21	576	1038	4377	
X HANSON 1-32A3	4301330141	01640 01S 03W 32	WSTC	21	65	1069	3080	
X FARNSWORTH 1-12B5	4301330124	01645 02S 05W 12	WSTC	31	2326	546	12710	
X UTE TRIBAL 1-20B5	4301330376	01650 02S 05W 20	WSTC	17	1211	0	1160	
X ELLSWORTH 1-08B4	4301330112	01655 02S 04W 8	WSTC	0	0	0	0	
X ELLSWORTH 1-09B4	4301330118	01660 02S 04W 9	WSTC	20	758	418	4322	
TOTAL						10933	10218	56632

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

9-28-84

Authorized signature

Telephone

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

PERMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

010929A

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR S.E.K. AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ANR Limited Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements.  
See also space 17 below.)  
At surface

See attached list

RECEIVED  
DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

43-013-30376

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

ANR Limited has been elected successor Operator to Utex Oil Company  
on the oil wells described on the attached Exhibit "A".

18. I hereby/certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

TITLE

DATE

APPROVED BY

TITLE

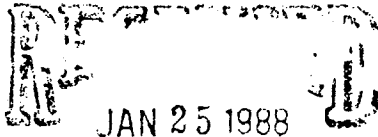
DATE

CONDITIONS OF APPROVAL, IF ANY:



**ANR Production Company**  
a subsidiary of The Coastal Corporation

012712



DIVISION OF  
OIL, GAS & MINING

January 19, 1988

Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0675 ← This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company. N0235

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

  
Roger W. Sparks  
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.  
DTS  
1-26-88

CC: AWS

CTE:mmw

Lisha,

I don't see any problem w/this.  
I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.)  
No Entity Number changes are necessary. DTS 1-26-88



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 3 of 10

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL  
P O BOX 749  
DENVER CO 80201 0749  
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
FARNSWORTH #2-12B5							
4301331115	01646 02S 05W 12		WSTC				
UTE TRIBAL 1-20B5							
4301330376	01650 02S 05W 20		WSTC				
ELLSWORTH 1-08B4							
4301330112	01655 02S 04W 8		WSTC				
ELLSWORTH 1-09B4							
4301330118	01660 02S 04W 9		WSTC				
POTTER 1-14B5							
4301330127	01665 02S 05W 14		WSTC				
LOTRIDGE GATES FEE 1-3B3							
4301330117	01670 02S 03W 3		GR-WS				
SHELL TEW 1-09B5							
4301330121	01675 02S 05W 9		WSTC				
BROTHERSON 1-33A4							
4301330212	01680 01S 04W 33		WSTC				
CHANDLER 1-05B4							
4301330140	01685 02S 04W 5		WSTC				
EHRICH 1-11B5							
4301330157	01690 02S 05W 11		WSTC				
EHRICH #3-11B5							
4301331080	01691 02S 05W 11		WSTC				
ELLSWORTH 1-17B4							
4301330126	01695 02S 04W 17		WSTC				
ELLSWORTH #2-17B4							
4301331089	01696 02S 04W 17		WSTC				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

03

**DRAFT**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

PRODUCING WELL INSPECTION RECORD

WELL NAME & NUMBER Ute 1-20 B5 API NUMBER 43-013-30376  
LOCATION: 1/4 SE 1/4 NE SECTION 20 TOWNSHIP 2S RANGE 5N COUNTY Albion  
OPERATOR OF RECORD Castal Oil - Gas STATUS OF RECORD POW  
INSPECTOR NAME JMN TIME 9:54 A DATE 5-24-88

General

Well status: (A) Producing (B) Non-producing  
(C) Workover occurring ..... A  
If non-producing, is there evidence of recent  
production? (explain) .....  
Well sign present and legible ..... X  
Fire protection satisfactory ..... X  
Pollution protection satisfactory ..... X  
Safety protection satisfactory ..... X  
Spills, discharges, leaks controlled ..... N

Liquid hydrocarbon production and handling

Measured by: (A) Tank gauge (B) LACT meter  
(C) Other (explain) ..... A  
Measurement of production is: (A) Onsite  
(B) Offsite ..... B  
Storage of production is: (A) Onsite  
(B) Offsite ..... B  
Is production from several wells commingled?  
(explain) ..... ?  
Measurement satisfactory ..... X  
Production/storage satisfactory ..... X  
Tank and/or valve seals ..... X

Natural gas production and handling

Type of gas production: (A) Gas well  
(B) Casinghead ..... B  
Gas disposition: (A) Sold (B) Flared/vented  
(C) Used on lease (D) A and C (E) B and C  
(D) Other (explain) ..... A  
Measured by: (A) Orifice meter (B) Turbine  
meter (C) Estimated (D) Other (explain)  
..... A  
Measurement of production is: (A) Onsite  
(B) Offsite ..... B  
Is production from several wells commingled?  
(explain) ..... ?  
Does liquids processing occur onsite? ..  
Measurement satisfactory .....  
Production/transportation satisfactory .....

Water disposal

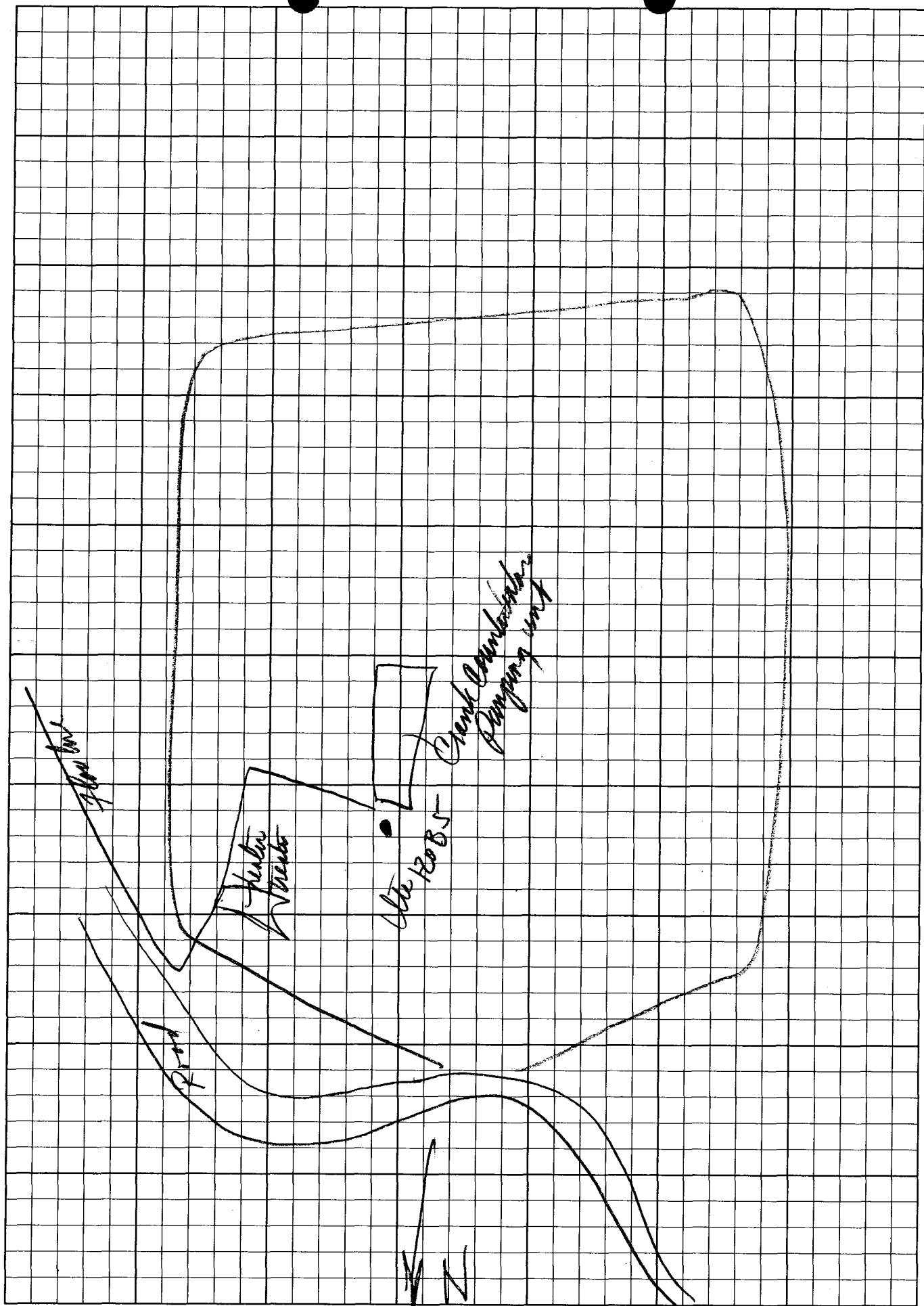
Is produced water stored onsite? ..... 2  
Disposal location is: (A) Onsite (B) Offsite  
.....  
Disposal method is: (A) Unlined pit (B) Lined  
pit (C) Injection well (D) Other  
(explain) .....  
Onsite storage satisfactory .....  
Onsite pits satisfactory .....

Facilities/equipment

Is supplemental fuel used for equipment? N  
Wellhead ..... X  
Xmas tree ..... X  
Artificial lift (explain) ..... X  
Separator .....  
Dehydrator .....  
Meter run .....  
Heater treater ..... X  
Boiler .....  
Compressor .....  
Line heater .....  
Production tank .....  
Water tank .....  
Firewall around tank .....  
Other (explain) .....

Remarks Grant center below jumping unit





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Tribal 14-20-H62-2507	
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME CA 9C-000143	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1882' FNL & 768' FEL		8. FARM OR LEASE NAME Ute	
14. PERMIT NO. 43-013-30376		9. WELL NO. 1-20B5	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6268' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA Section 20, T2S-R5W	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  July 6-12, 1988;  Acidized Wasatch perforations w/20,000 gallons 15% HCL + additives. Returned well to production.			

18. I hereby certify that the foregoing is true and correct

SIGNED

Eileen Danni Dey

TITLE Regulatory Analyst

DATE July 14, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or to convert to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE JAN 22 1991**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1882' FNL & 768' FEL  
Section 20, T2S-R5W

**DIVISION OF  
OIL, GAS & MINING**

5. Lease Designation and Serial No.

Tribal 14-20-H62-2507

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

CA 9C-000143

8. Well Name and No.

Ute 1-20B5

9. API Well No.

43-013-30376

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL-2B, II Application  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Production Company hereby requests permission to dispose of produced water from the above-referenced well under NTL-2B, II "Disposal in the Subsurface." The produced water from the Ute 1-20B5 flows into a steel tank equipped with a high level float switch which shuts the well in if the tank becomes overloaded. The produced water is then pumped into ANR's underground SWD facilities.

**Accepted by the State  
of Utah Division of  
Oil, Gas and Mining**

Date: 1-25-91

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Eileen Danni Day

Title Regulatory Analyst

Date 1-17-91

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any, is Necessary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

FEB 07 1991

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached list

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See attached list

9. API Well No.

43-013-

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL-2B Extension

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Production Company, as operator of 19 BLM regulated emergency pits in the Altamont/Bluebell field, (see attached list) respectfully requests an extension for the NTL-2B application dated February 23, 1990. This application requested a variance to NTL-2B Section VI, "Temporary Use of Surface Pits."

ANR's intention was to recover waste fluid from these pits, clean up crude contaminated soils, recontour the emergency pits and then install 500 BBL steel capture vessels for emergency fluids.

ANR has removed the waste fluid from these pits, but we are currently evaluating the most effective method of pit cleanup. After this is accomplished the 500 BBL steel capture vessels will be installed. We will keep you apprised of our status on these emergency pits.

We apologize for our delay in completing this project, however the costs and complexity of proper reclamation has required more time than anticipated. Thank you for your patience and understanding on this matter.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct.

Signed Green Canyon  
(This space for Federal or State office use)

Title Regulatory Analyst

Date: 2/19/91

By: B. E. O.

Approved by Federal Approval of this  
Conditions of approval, if any: Action is Necessary

Title

<u>WELL NAME</u>	<u>WELL LOCATION</u>	<u>LEASE #</u>	<u>CA #</u>	<u>API #43-013</u>	<u>TRIBE NAME</u>
Ute #1-35A3	Sec. 35, T1S-R3W	14-20-H62-1802	N/A	30181	Ute
Ute #1-6B2	Sec. 6, T2S-R2W	14-20-H62-1807	N/A	30349	Ute
Ute Tribal #2-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703	9C140	31111	Ute
Ute Tribal #1-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703A	9C140	30334	Ute
Ute #1-34A4	Sec. 34, T1S-R4W	14-20-H62-1774	9640	300756	Ute
Ute #1-36A4	Sec. 36, T1S-R4W	14-20-H62-1793	9642	30069	Ute
Ute #1-20B5	Sec. 20, T2S-R5W	14-20-H62-2507	9C000143	30376 Paw	Ute
Ute #1-21C5	Sec. 21, T3S-R5W	14-20-H62-4123	UT080I49-86C699	30448	Ute
Ute Tribal #1-28B4	Sec. 28, T2S-R4W	14-20-H62-1745	9681	30242	Ute
Monsen #1-27A3	Sec. 27, T1S-R3W	UTU-0141455	NW581	30145	N/A
Ute #2-31A2	Sec. 31, T1S-R2W	14-20-H62-1801	N/A	31139	Ute
Ute Tribal #1-31Z2	Sec. 31, T1N-R2W	14-20-H62-1801	N/A	30278	Ute
Evans #2-19B3	Sec. 19, T2S-R3W	14-20-H62-1734	9678	31113	Ute
Ute Jenks #2-1B4	Sec. 1, T2S-R4W	14-20-H62-1782	N/A	31197	Uintah & Ouray
Ute #1-1B4	Sec. 1, T2S-R4W	14-20-H62-1798	9649	30129	Ute
Murdock #2-34B5	Sec. 34, T2S-R5W	14-20-H62-2511	9685	31132	Ute
Ute #1-25B6	Sec. 25, T2S-R6W	14-20-H62-2529	N/A	30439	Ute
Ute Tribal #1-29C5	Sec. 29, T3S-R5W	14-20-H62-2393	9C200	30449	Ute
Ute #2-22B5	Sec. 22, T2S-R5W	14-20-H62-2509	N/A	31122	Ute

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1882' FNL & 768' FEL

Section 20, T2S-R5W

5. Lease Designation and Serial No.

14-20-H62-2507

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

CA #9C-000143

8. Well Name and No.

Ute #1-20B5

9. API Well No.

43-013-30376

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Perf & Acidize

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached procedure to plug off the Lower Wasatch formation, add perforations to the Upper Wasatch and Basal Green River formations and then acid stimulate all perforations in the above-referenced well.

**RECEIVED**

MAR 21 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Analyst

Date March 19, 1991

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

# WORKOVER PROCEDURE

UTE TRIBAL #1-20B5

SECTION 20, T2S, R5W  
DUCHESNE COUNTY, UTAH

FEBRUARY 22, 1991

RECEIVED  
MAR 21 1991

DIVISION OF  
OIL GAS & MINING

## WELL DATA

Location: 770' FEL, 1880' FNL  
Elevation: 6238' GL, 6268' KB  
TD: 13,530'  
PBDT: 13,450'  
Casing: 13-3/8" 54.5# K-55 @ 301', cmt w/390 sxs  
9-5/8" 36# K-55 @ 6000', cmt w/449 sxs  
7" 26# N-80 & S-95 @ 11,249', cmt w/605 sxs  
5" 18# N-80 from 11,058' to 13,531' cmt w/800 sxs  
Tubing: 2-7/8" 6.5# N-80 8rd  
Tubing Anchor: 10,955'  
SN: 10,821'

## TUBULAR PROPERTIES

Type	ID	Drift	Capacity	Burst	Collapse
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
5" 18# N-80	4.276"	4.151"	.0177	10140	10490
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10570	11160
3-1/2" 9.3# N-80	2.992"	2.867"	.00870	10160	10530

## PRESENT STATUS

Producing on beam pump 11 BOPD, 25 BWPD and 11 MCFPD.

## WELL HISTORY

September, 1975: Initial completion. Perforate 13,231'-13,449', 1 SPF, 55 total holes. Acidize w/5900 gal gelled 15% HCl. No flow.

October, 1975: Acidize perfs w/5900 gals gelled 15% HCl. Flowed 30 BOPD.

December, 1976: Sand frac perfs from 13,231'-13,449' with 20,400 gals 20/40 sand. Flowed for 5 hrs then died.

February, 1976: Official first production. Perf 12,622'-13,188', 1 SPF, 145 total holes. Acidize perfs from 12,622'-13,427' w/74,450 gals 15% HCl. Well test on 3/8/76, 395 BOPD, 277 MCFPD and 17 BWPD on 20/64" chk w/FTP of 400 psi.

September, 1976: Perf from 12,176'-12,265', 1 SPF, 17 holes. Acidize perfs from 12,176'-12,265' w/4100 gals 15% HCl. No flow.

WELL HISTORY (cont.)

- October, 1976: Perf from 11,952'-12,528', 1 SPF, 55 tot holes. Acidize perfs 11,952'-12,528' (72 holes) w/12,350 gals 15% HCl.
- October, 1976: Perf from 11,956'-12,530', 1 SPF, 150 tot holes. Acidize perfs from 11,952'-12,530' w/20,400 gals 15% HCl. Prod before: 111 BOPD, 0 BWPD, 158 MCFPD w/250 psi. Prod after: 906 BOPD, 17 BWPD, 1093 MCFPD w/900 psi.
- May, 1977: Perforate 11,128'-11,900', 1 SPF, 72 tot holes. Acidize 11,128'-11,900' w/24,500 gal 15% HCl.
- August, 1977: Install beam pump.
- October, 1981: Perforate from 10,183'-10,958', 3 SPF, 168 tot holes. Acidz 10,183'-10,958' w/25,000 gal 7-1/2% HCl.
- March, 1984: Acidize perfs from 10,183'-13,449' w/67,000 gals 15% HCl. Prod before: 25 BOPD, 107 BWPD and 18 MCFPD. Prod after: 78 BOPD, 108 BWPD and 86 MCFPD.
- July, 1988: CO to 13,450'. Acidize perfs 10,183'-13,449', 662 tot holes, w/20,000 gals 15% HCl. Prod before: 25 BOPD, 243 BWPD and 70 MCFPD. Prod after: 43 BOPD, 173 BWPD and 103 MCFPD.

PROCEDURE

1. MIRU service rig. ND WH, NU BOPE. POOH w/rods. Rls TAC and POOH w/tbg.
2. PU & RIH w/mill & CO tools. CO wellbore to  $\pm 12,600'$ .
3. RU wireline service company. PU & RIH w/5" 18# CIBP. Set CIBP @  $\pm 12,578'$  per Borehole Compensated Sonic log dated 7/25/75 and 8/17/75.
4. PU & RIH w/3-1/8" csg gun, 120° phasing, 3 SPF and perforate the Wasatch and Lower Green River 11,050'-12,567' per the attached prog, 34 settings, 102 total holes. PU & RIH w/4" csg gun and perforate from 9,901'-11,038', 43 settings, 129 total holes.
5. PU & RIH w/7" 26# 10K treating pkr and 3-1/2" N-80 9.3# tbg. Set pkr @  $\pm 9850'$ .
6. Acidize perfs from 9,901'-12,567', 693 total holes (462 old, 231 new) w/20,800 gals 15% HCl w/840 - 1.1 SG BS's and specified additives. Max treating pressure 8500 psi. Note: The above acid job should be designed to include:
  - A. All fluids to be heated to 150°F.
  - B. Precede acid w/250 bbls 3% KCl w/10 gals per 1000 gals scale inhibitor.



PROCEDURE (cont.)

- C. Spearhead acid w/500 gals xylene.
  - D. Acidize in 4 stages of 5200 gals each containing 200 - 1.1 SG BS's evenly spaced and 3 diverter stages of 1500 gals gelled saltwater with 1/2 ppg BAF and rock salt.
7. Flow/swab back acid load.
  8. If necessary, kill well w/3% KCl wtr. RIs pkr & POOH.
  9. RIH w/prod equip. Consult w/Denver office for tbg & rod design.

Perforation Schedule  
 Ute #1-20B5  
 NE/4 Section 20, T2S-R5W  
 Duchesne County, Utah

Depth reference: Schlumberger BHC Sonic (7/25/75, 8/27/75)

12567	11942	11104	10946	10399	10083
12559	11931	11100	10918	10212	10066
12548	11918	11090	10966	10205	10057
12539	11823	11086	10947	10182	10051
12525*	11803	11056	10937	10177	10035
12495*	11704*	11050	10797	10168	10029
12446*	11697	11038	10742	10159	10018
12424*	11656	11028	10634	10153	10007
12281*	11604	11022	10605	10144	9990
12178	11506	11015	10586*	10134	9977
12100*	11374	11003	10545*	10120	9970
12087	11339	10996	10512	10113	9958
12056*	11165	10984	10465	10103	9944
11982	11112	10974	10458	10093	9927
					9922
					9901

Gross Lower Green River - Wasatch interval: 9,901'-12,567'

86 feet, 63 zones

\*Reperfs.

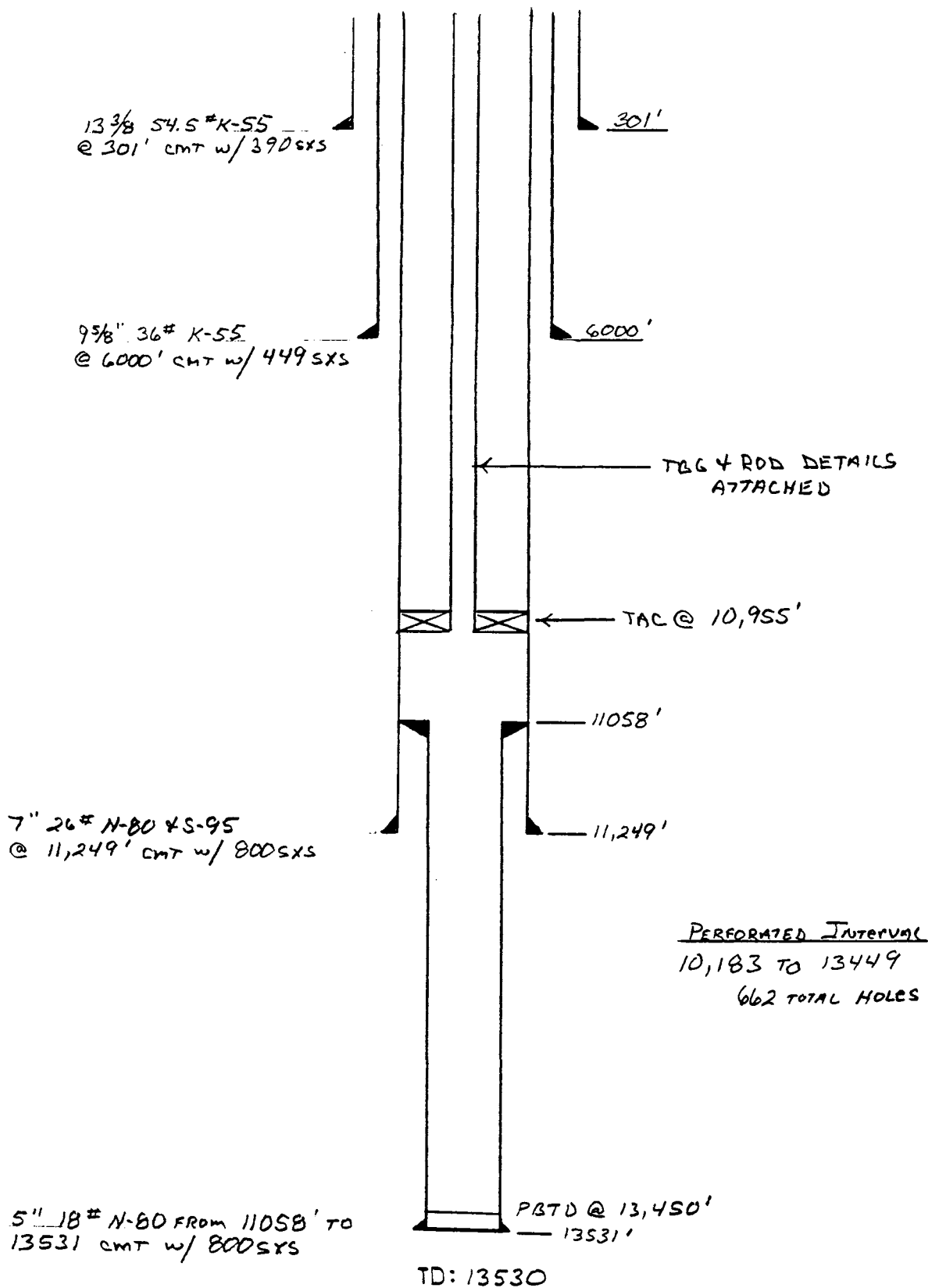
RJL

RJL  
 1/31/91

# PRESENT WELLBORE SCHEMATIC

Ute TRIAL #1-2085

S.C. Prutch  
FEB 11, 1991



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1882' FNL & 768' FEL  
Section 20, T2S-R5W

5. Lease Designation and Serial No.

14-20-H62-2507

6. If Indian, Allottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

CA #96000143

8. Well Name and No.

Ute #1-20B5

9. API Well No.

43-013-30376

10. Field and Pool, or Exploratory Area

Altamont/Bluebell

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL-2B Emergency Pit

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recommendation Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Production Company hereby requests a variance to NTL-2B Section VI, "Temporary Use of Surface Pits."

ANR Production Company proposes to close the existing emergency pit using microbial remediation and install a lined pit. The liner will be seamless, 30 MIL, and 20 year warranted. Any emergency use of this pit will be reported to your office as soon as possible and the pit will be emptied and the liquids disposed of in an approved manner within 48 hours following its use, unless otherwise instructed by your office.

(Please see the attached letter submitted to your office 5/13/91 further describing this project.)

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 5-24-91

By: *[Signature]*

**RECEIVED**

MAY 20 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title Regulatory Analyst

Date 5-16-91

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval is Necessary



**Coastal**

*The Energy People*

MICHAEL E. McALLISTER, Ph.D.  
DIRECTOR  
ENVIRONMENTAL & SAFETY AFFAIRS  
COASTAL OIL & GAS CORPORATION

May 13, 1991

Tim O'Brien  
U.S. Dept. Of The Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Dear Tim:

The Bureau of Land Management - Vernal District Office is aware that Coastal Oil & Gas Corporation (COG) is conducting a pilot program using bioremediation technology as the closure technique. It is anticipated that the microbial treatment process will achieve a cost effective closure while eliminating long term waste disposal liabilities associated with conventional closure technologies.

COG is approximately 90 days into the pilot program. The selected pits have been inoculated and filled to the desired liquid level. The pit walls and bottoms have been manually turned to achieve maximum microbial contact. To date, we are able to photographically document the success of our efforts. If the program continues to progress as expected, we will use the technology as our plan of action for the remaining pits.

Utilizing microbes or any other type of closure technique will not eliminate the need for emergency containment in the event of an operating system upset and/or failure. COG respectfully requests, as part of our plan of action, that your office provide the necessary approvals to utilize lined emergency pits to meet this need.

COG shares your concern for protecting groundwater and other natural resources. We additionally recognize our responsibility to conduct our operations lawfully, ethically and in an environmentally responsible manner.

Our project intent is simple. COG will construct an "emergency pit" immediately adjacent to the existing pits. The new pits' size will be held to a minimum, yet large enough to provide adequate protection. The pit will be lined using a 30 mil, 20 year warranty, seamless liner. All emergency piping will be removed from the pit to be closed and diverted to the new lined excavation. The old pit will be closed by microbe or other closure technology.

*Coastal Oil & Gas Corporation*

U.S. Dept. of the Interior  
May 13, 1991  
Page - 2 -

COG feels we are eliminating the potential environmental liability exposure of the past practice of unlined pits. Additionally, the new lined pits afford COG, as a prudent operator, the opportunity to keep the pits clean, remove any liquids as a result of upset conditions within 48 hours and most importantly the pit liner will be inspected on a documented scheduled basis for maximum efficiency. If a problem is noted, corrections will receive priority attention.

To achieve maximum effectiveness from a microbial treatment process, warmer temperatures are essential. In order to take advantage of the summer weather, COG proposes to start our pit closure program as soon as practical. Therefore, your assistance in providing the necessary approvals in a timely manner, are key to the expedient success of this project.

To re-confirm our position, COG conducts its' operations in an environmentally sound manner. With your office's approval for the "lined emergency pits", we will continue with our planned pit closure program. At the same time this program offers future protection to the groundwater and other natural resources within our area of operation.

If there are any questions or if additional information is needed, please do not hesitate to call.

Very truly yours,



M. E. McAllister, Ph.D.

cc: David Little

bcc: R.L. Bartley  
E. Dey  
W.L. Donnelly  
L.P. Streeb

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
14-20-H62-2507

6. If Indian, Allottee or Tribe Name  
Ute Tribe

7. If Unit or CA, Agreement Designation  
CA #9C-000143

8. Well Name and No.  
Ute #1-20B5

9. API Well No.  
43-013-30376

10. Field and Pool, or Exploratory Area  
Altamont

11. County or Parish, State  
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1882' FNL & 768' FEL  
Section 20, T2S-R5W

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Perf and Acidize

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological report for the perf and acid job performed on the above-referenced well.

RECEIVED

JUN 7 1991

DIVISION OF  
OIL GAS & MINING

RECEIVED  
JUN 1991

14. I hereby certify that the foregoing is true and correct

Signed Patricia Damm Title Regulatory Analyst

Date June 5, 1991 ✓

(This space for Federal or State official use)

Approved by NOTED  
Conditions of approval, if any:

Title \_\_\_\_\_ Date JUN 12 1991

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 2

UTE TRIBAL #1-20B5 (PERF & ACIDIZE)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 75.00% ANR AFE: 63499  
TD: 13,530' PBD: 13,450'  
5" LINER @ 11,050'-13,530'  
PERFS: 9,901'-12,567' (L. GREEN RIVER/WASATCH)  
CWC(M\$): \$111.4

5/13/91 POOH w/rods. MIRU service unit. Unseat pump.  
DC: \$3,547 TC: \$3,547

5/14/91 POOH w/tbg. Finish POOH w/rods and pump.  
DC: \$3,694 TC: \$7,241

5/15/91 Clean out liner. Finish POOH w/tbg. TIH w/mill and cleanout tool.  
DC: \$2,830 TC: \$10,071

5/16/91 Prep to perf. Clean out liner to 13,450'. POOH w/tbg and mill.  
DC: \$5,030 TC: \$15,101

5/17/91 RIH w/7" pkr & 3-1/2" tbg. RU WL & set 5" CIBP @ 12,578'. Perf  
Wasatch & L. Green River @ 11,050' to 12,567' (102 holes) @ 3 SPF  
w/3-1/8" csg gun and 9901' to 11,038' (162 holes) @ 3 SPF w/4" gun.  
RIH w/7" pkr on 3-1/2" tbg.  
DC: \$19,449 TC: \$34,550

5/20/91 Prep to acidize Wasatch. Fin TIH w/7" pkr & 3-1/2" tbg. Set pkr @  
9829'. Test pkr & csg to 2000 psi.  
DC: \$7,126 TC: \$41,676

5/21/91 Prep to POOH w/pkr & 3-1/2" tbg. Acidize L. Green River/Wasatch  
perfs @ 9,901'-12,567' w/20,800 gal 15% HCl plus diverter. Avg/max  
rate 25-30 BPM, avg/max PP 6800-8300#, ISIP 1050#, 15 min SIP - vac.  
Had fair diversion, 1048 BLWTR. Swab 4 BF/2 hr, FL 9500', gassy.  
DC: \$46,887 TC: \$88,563

5/22/91 RIH w/pmpg BHA on 2-7/8" tbg. Release pkr & LD 3-1/2" tbg.  
DC: \$3,643 TC: \$92,206

5/23/91 RIH w/pmp & rods. TIH w/pmpg BHA on 2-7/8" tbg. Set tbg anchor @  
10,963' w/SN @ 10,867'. RIH w/1-1/2" pump and 3/4" / 7/8" rods.  
DC: \$4,698 TC: \$96,904

5/24/91 Well on pump. Fin RIH w/1-1/2" pump & rods. Place well on pump @  
12:00 noon, 5/24/91.  
DC: \$7,880 TC: \$104,784

5/24/91 Pmpd 36 BO, 80 BW, 106 MCF/20 hrs, 9.5 SPM.

5/25/91 Pmpd 92 BO, 38 BW, 77 MCF/24 hrs, 9.5 SPM.

5/26/91 Pmpd 65 BO, 137 BW, 57 MCF/24 hrs, 9.5 SPM.

5/27/91 Pmpd 49 BO, 149 BW, 49 MCF/24 hrs, 9.5 SPM.

5/28/91 Pmpd 44 BO, 172 BW, 50 MCF/24 hrs, 9.5 SPM.

5/29/91 Pmpd 27 BO, 184 BW, 56 MCF/24 hrs, 9.5 SPM.

5/30/91 Pmpd 32 BO, 154 BW, 55 MCF/20 hrs, down 4 hrs - power outage.

5/31/91 Pmpd 49 BO, 177 BW, 86 MCF/24 hrs.

6/1/91 Pmpd 54 BO, 177 BW, 74 MCF/24 hrs.

6/2/91 Pmpd 38 BO, 138 BW, 30 MCF/24 hrs.

Prior prod: 9 BO, 71 BW, 14 MCF. Drop from report.

RECEIVED

OCT 07 1991

DIVISION OF  
OIL GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1382' FNL & 768' FEL  
Section 20, T2S-R5W

5. Lease Designation and Serial No.

14-20-H62-2507

6. If Indian, Allottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

CA #96000143

8. Well Name and No.

Ute #1-20B5

9. API Well No.

43-013-30376

10. Field and Pool, or Exploratory Area

Altamont/Bluebell

11. County or Parish, State

Duchesne County, Utah

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- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

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☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached procedure to plug and abandon the above-referenced well.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 2-24-92  
BY: [Signature]

RECEIVED

FEB 21 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed: [Signature]  
(This space for Federal or State office use)

Title: Regulatory Analyst

Date: 2/18/92

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## PLUG AND ABANDONMENT

Ute Tribal #1-20B5  
Section 20, T2S, R5W  
Duchesne County, Utah

### WELL DATA

Location: 770' FEL & 1880' FNL  
Elevation: 6238' GL, 6268' KB  
TD: 13,530'  
PBTD: 13,450'  
Casing: 13-3/8" 54.5# K-55 @ 301', cmt w/390 sxs  
9-5/8" 36# K-55 @ 6000', cmt w/449 sxs  
7" 26# N-80 & S-95 @ 11,249', cmt w/605 sxs  
5" 18# N-80 from 11,058' to 13,531', cmt w/800 sxs  
Tubing: 2-7/8" 6.5# N-80 8rd  
Tubing Anchor: 10,963'

### TUBULAR PROPERTIES

Type	ID	Drift	Capacity	Burst	Collapse
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
5" 18# N-80	4.276"	4.151"	.0177	10140	10490
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10570	11160

### PRESENT STATUS

Producing on beam pump 5 BOPD, 7 BWPD and 4 MCFPD.

### WELL HISTORY

September 1975: Initial completion. Perforate 13,231'-13,449', 1 SPF, 55 total holes. Acidize w/5900 gals gelled 15% HCl. No flow.

October 1975: Acidize perms w/5900 gals gelled 15% HCl. Flowed 30 BOPD.

December 1976: Sand frac perms from 13,231'-13,449' with 20,400 gals 20/40 sand. Flowed for 5 hrs then died.

February 1976: Official first production. Perf 12,622'-13,188', 1 SPF, 145 total holes. Acidize perms from 12,622'-13,427' w/74,450 gals 15% HCl. Well test on 3/8/76, 395 BOPD, 277 MCFPD and 17 BWPD on 20/64" chk w/FTP of 400 psi.

September 1976: Perf from 12,176'-12,265', 1 SPF, 17 holes. Acidize perms from 12,176'-12,265' w/4100 gals 15% HCl. No flow.

October 1976: Perf from 11,952'-12,528', 1 SPF, 55 total holes. Acidize perms 11,952'-12,528' (72 holes) w/12,350 gals 15% HCl.

Plug and Abandonment Procedure  
Ute Tribal #1-20B5  
Page Two

October 1976: Perf from 11,956'-12,530', 1 SPF, 150 total holes. Acidize perfs from 11,952'-12,530' w/20,400 gals 15% HCl. Prod before: 111 BOPD, 0 BWPD, 158 MCFPD w/250 psi. Prod after: 906 BOPD, 17 BWPD, 1093 MCFPD w/900 psi.

May 1977: Perforate 11,128'-11,900', 1 SPF, 72 total holes. Acidize 11,128'-11,900' w/24,500 gals 15% HCl.

August 1977: Install beam pump.

October 1981: Perforate from 10,183'-10,958', 3 SPF, 168 total holes. Acidize 10,183'-10,958' w/25,000 gals 7½% HCl.

March 1984: Acidize perfs from 10,183'-13,449' w/67,000 gals 15% HCl. Prod before: 25 BOPD, 107 BWPD and 18 MCFPD. Prod after: 78 BOPD, 108 BWPD and 86 MCFPD.

July 1988: CO to 13,450'. Acidize perfs 10,183'-13,449', 662 total holes, w/20,000 gals 15% HCl. Prod before: 25 BOPD, 243 BWPD and 70 MCFPD. Prod after: 43 BOPD, 173 BWPD and 103 MCFPD.

May 1991: CO to 13,450'. Set CIBP at 12,578'. Perf U. Wasatch and Basal Green River from 9901' to 12,567', 3 SPF, 264 total holes. Acidize w/20,800 gals 15% HCl. Prod before workover: 9 BOPD, 71 BWPD and 14 MCFPD. Prod after workover: 54 BOPD, 177 BWPD and 74 MCFPD.

PROCEDURE

1. MIRU service rig. NU BOPE, POOH and LD rods. Release TAC and POOH w/tbg.
2. PU 7" 26# cmt retainer and RIH w/2-7/8" tbg. Set retainer @ ±9800'. Circ hole clean. Pump 50 sxs CL "G" cmt on top of retainer. Total plug from ±9400' to ±10,070'.
3. Circ hole w/9.0 ppg mud.
4. Spot 70 sxs CL "G" cmt plug (370') from ±5780' to ±6151'.
5. RU wireline service company. Perforate 7" csg, 4 SPF, @ 370'. Establish circ down 7" casing and up 7" x 9-5/8" annulus.
6. Pump cmt (approx 125 sxs CL "G") down 7" csg and up 7" x 9-5/8" annulus to surface.
7. Weld DHM to 7" casing w/necessary inscription. RDMO. Restore location as required.

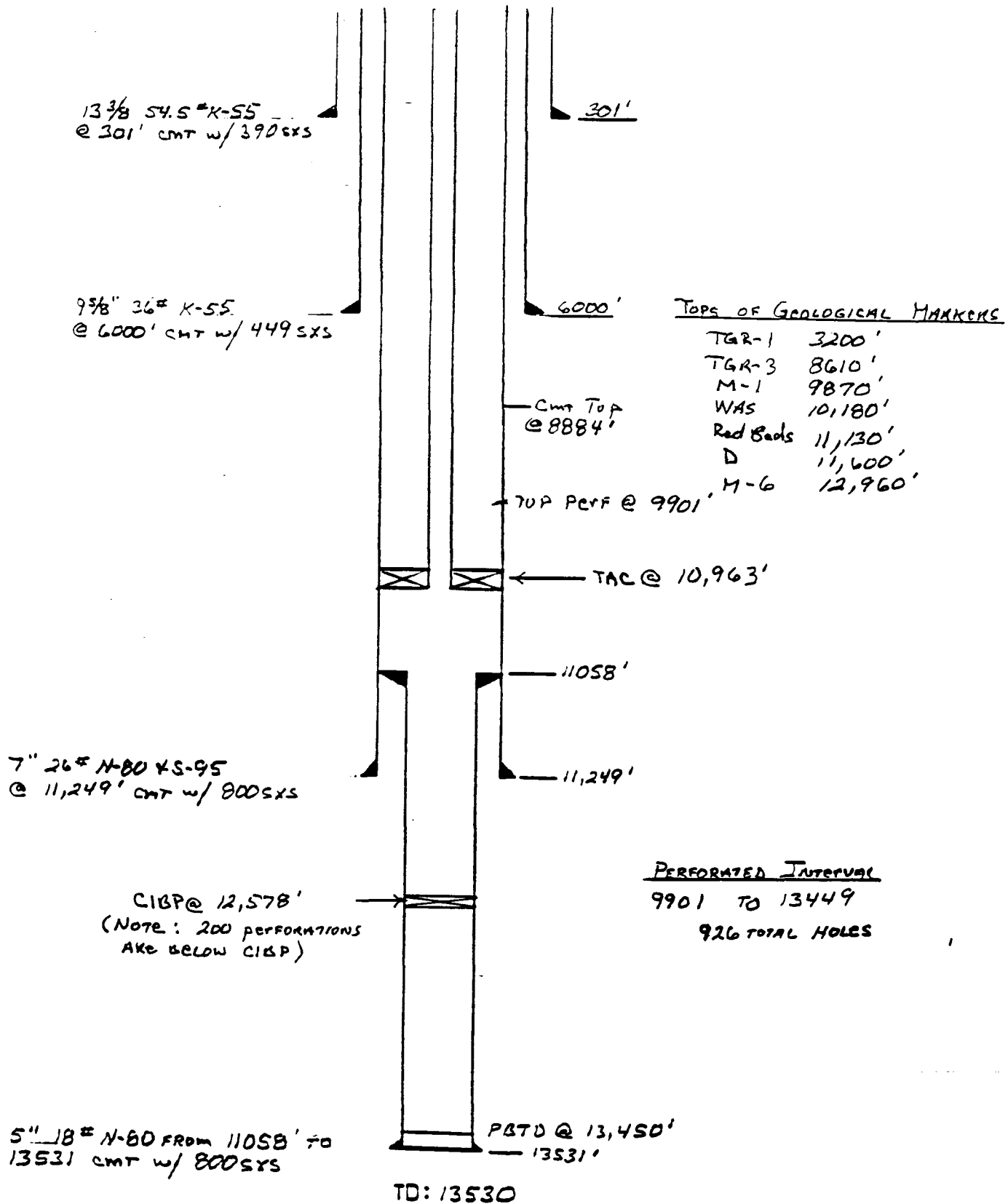
SCP:cam

# PRESENT WELLBORE SCHEMATIC

Ute TRIAL #1-2085

S.C. Frutch

1/27/92

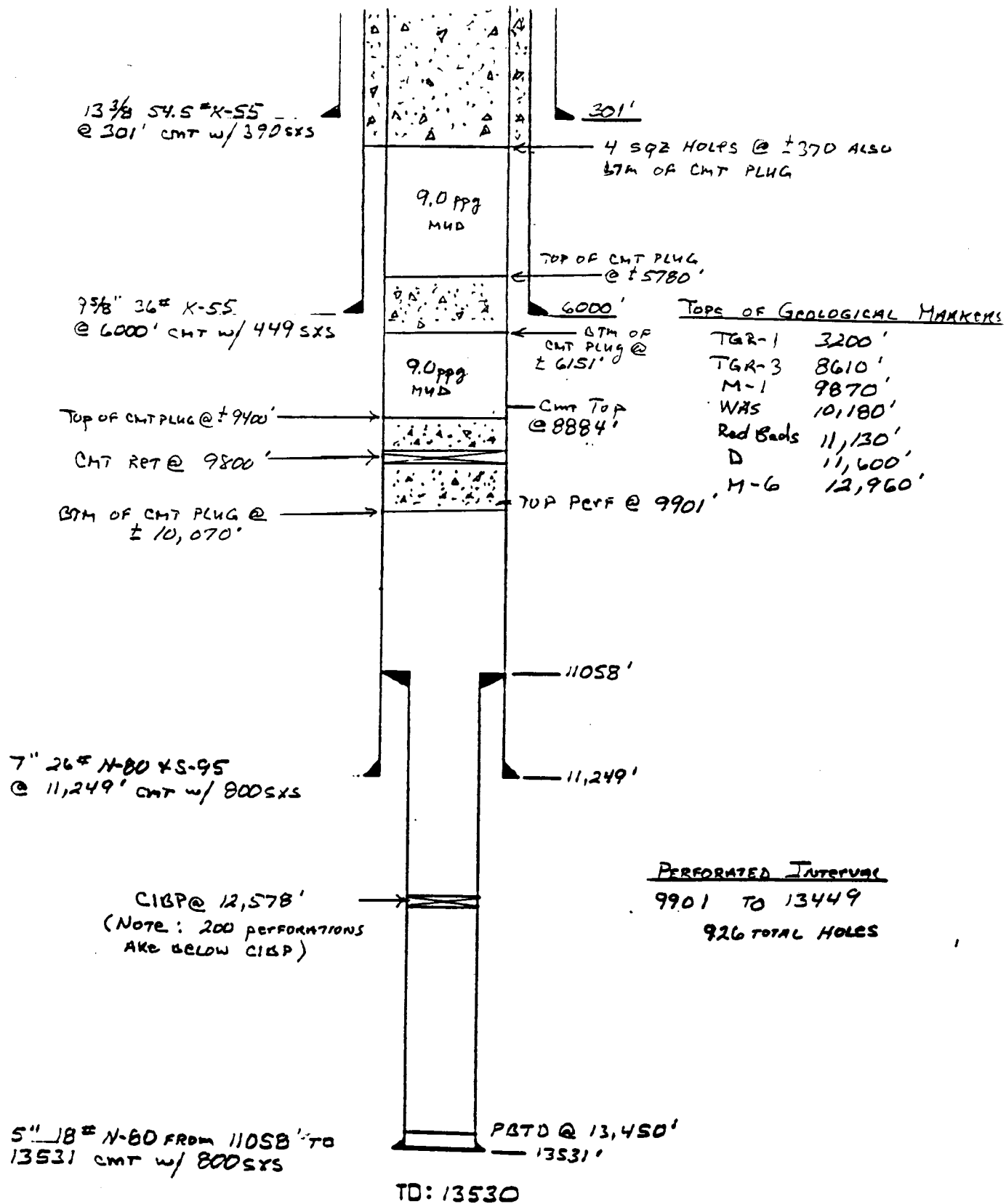


# PROPOSED WELLBORE SCHEMATIC

Ute Triang #1-2085

S.C. Frutch

1/27/92



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-H62-2507
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name Ute Tribal
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation CA #96000143
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1882' FNL & 768' FEL Section 20, T2S-R5W	8. Well Name and No. Ute #1-20B5
	9. API Well No. 43-013-30376
	10. Field and Pool, or Exploratory Area Altamont/Bluebell
	11. County or Parish, State Duchesne County, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	Revised <input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the revised procedure to plug and abandon the above referenced well

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE:

3-12-92

BY:

*[Signature]*

REGISTERED

MAR 12 1992

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed *[Signature]* Title Regulatory Analyst Date 3/9/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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\*See instruction on Reverse Side

## PLUG AND ABANDONMENT

Ute Tribal #1-20B5  
Section 20, T2S, R5W  
Duchesne County, Utah

### WELL DATA

Location: 770' FEL & 1880' FNL  
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PBSD: 13,450'  
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9-5/8" 36# K-55 @ 6000', cmt w/449 sxs  
7" 26# N-80 & S-95 @ 11,249', cmt w/605 sxs  
5" 18# N-80 from 11,058' to 13,531', cmt w/800 sxs  
Tubing: 2-7/8" 6.5# N-80 8rd  
Tubing Anchor: 10,963'

### TUBULAR PROPERTIES

Type	ID	Drift	Capacity	Burst	Collapse
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
5" 18# N-80	4.276"	4.151"	.0177	10140	10490
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10570	11160

### PRESENT STATUS

Producing on beam pump 5 BOPD, 7 BWPD and 4 MCFPD.

### WELL HISTORY

September 1975: Initial completion. Perforate 13,231'-13,449', 1 SPF, 55 total holes. Acidize w/5900 gals gelled 15% HCl. No flow.

October 1975: Acidize perfs w/5900 gals gelled 15% HCl. Flowed 30 BOPD.

December 1976: Sand frac perfs from 13,231'-13,449' with 20,400 gals 20/40 sand. Flowed for 5 hrs then died.

February 1976: Official first production. Perf 12,622'-13,188', 1 SPF, 145 total holes. Acidize perfs from 12,622'-13,427' w/74,450 gals 15% HCl. Well test on 3/8/76, 395 BOPD, 277 MCFPD and 17 BWPD on 20/64" chk w/FTP of 400 psi.

September 1976: Perf from 12,176'-12,265', 1 SPF, 17 holes. Acidize perfs from 12,176'-12,265' w/4100 gals 15% HCl. No flow.

October 1976: Perf from 11,952'-12,528', 1 SPF, 55 total holes. Acidize perfs 11,952'-12,528' (72 holes) w/12,350 gals 15% HCl.

October 1976: Perf from 11,956'-12,530', 1 SPF, 150 total holes. Acidize perfs from 11,952'-12,530' w/20,400 gals 15% HCl. Prod before: 111 BOPD, 0 BWPD, 158 MCFPD w/250 psi. Prod after: 906 BOPD, 17 BWPD, 1093 MCFPD w/900 psi.

May 1977: Perforate 11,128'-11,900', 1 SPF, 72 total holes. Acidize 11,128'-11,900' w/24,500 gals 15% HCl.

August 1977: Install beam pump.

October 1981: Perforate from 10,183'-10,958', 3 SPF, 168 total holes. Acidize 10,183'-10,958' w/25,000 gals 7½% HCl.

March 1984: Acidize perfs from 10,183'-13,449' w/67,000 gals 15% HCl. Prod before: 25 BOPD, 107 BWPD and 18 MCFPD. Prod after: 78 BOPD, 108 BWPD and 86 MCFPD.

July 1988: CO to 13,450'. Acidize perfs 10,183'-13,449', 662 total holes, w/20,000 gals 15% HCl. Prod before: 25 BOPD, 243 BWPD and 70 MCFPD. Prod after: 43 BOPD, 173 BWPD and 103 MCFPD.

May 1991: CO to 13,450'. Set CIBP at 12,578'. Perf U. Wasatch and Basal Green River from 9901' to 12,567', 3 SPF, 264 total holes. Acidize w/20,800 gals 15% HCl. Prod before workover: 9 BOPD, 71 BWPD and 14 MCFPD. Prod after workover: 54 BOPD, 177 BWPD and 74 MCFPD.

#### PROCEDURE

1. MIRU service rig. NU BOPE, POOH and LD rods. Release TAC and POOH w/tbg.
2. PU 7" 26# cmt retainer and RIH w/2-7/8" tbg. Set retainer @ ±9800'. Circ hole clean. Pump 50 sxs CL "G" cmt ~~on top of retainer~~. Total plug from ±9400' to ±10,070'.  
*BELOW RETAINER AND SPOT 75 SXS CL "G" CMT ON TOP OF RETAINER*
3. Circ hole w/9.0 ppg mud.
4. Spot 70 sxs CL "G" cmt plug (370') from ±5780' to ±6151'.
5. RU wireline service company. Perforate 7" csg, 4 SPF, @ 370'. Establish circ down 7" casing and up 7" x 9-5/8" annulus.
6. Pump cmt (approx 125 sxs CL "G") down 7" csg and up 7" x 9-5/8" annulus to surface.
7. Weld DHM to 7" casing w/necessary inscription. RDMO. Restore location as required.

SCP:cam

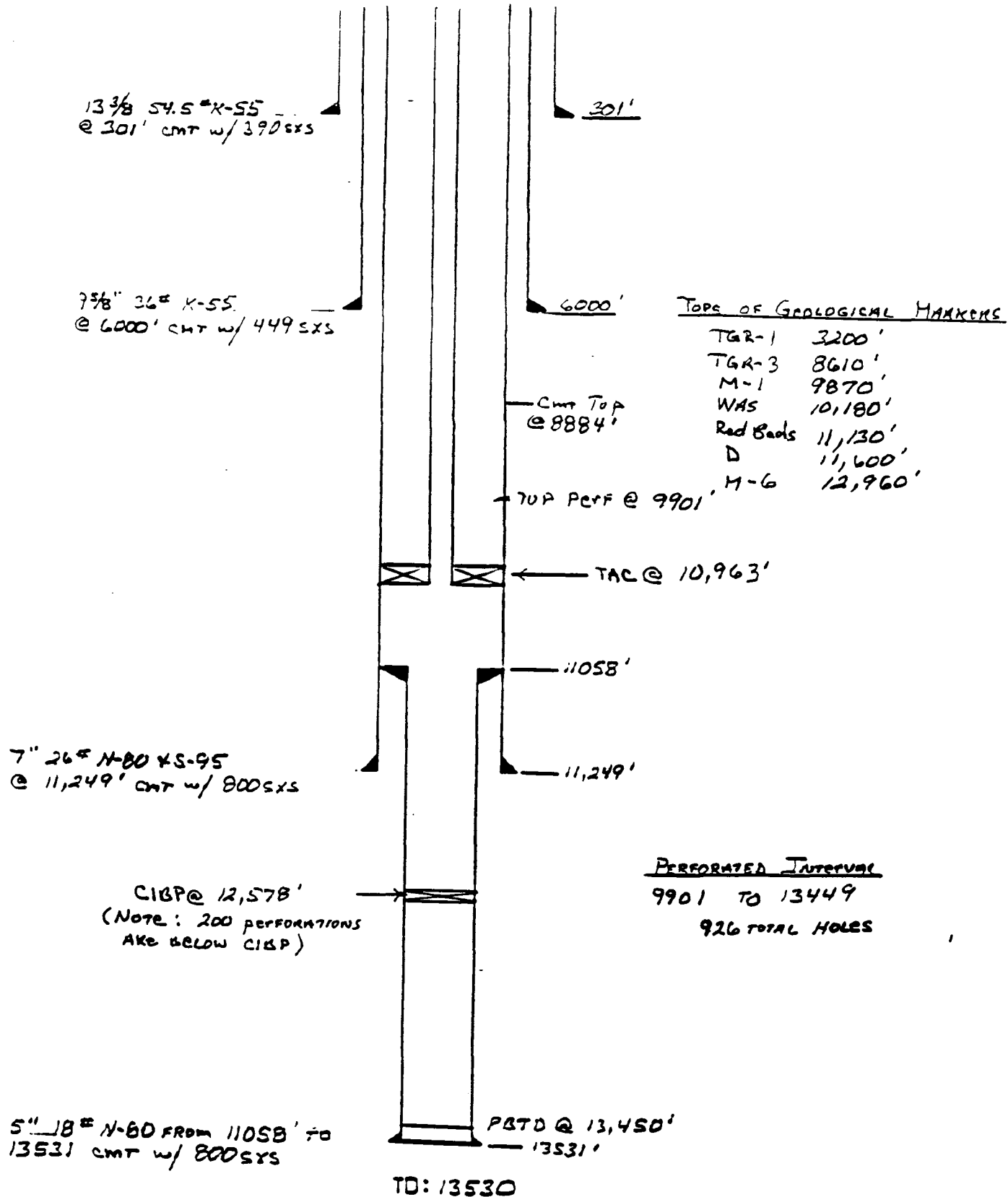


# PRESENT WELLBORE SCHEMATIC

UPE TRIAL #1-2085

S.C. Frutch

11/27/92

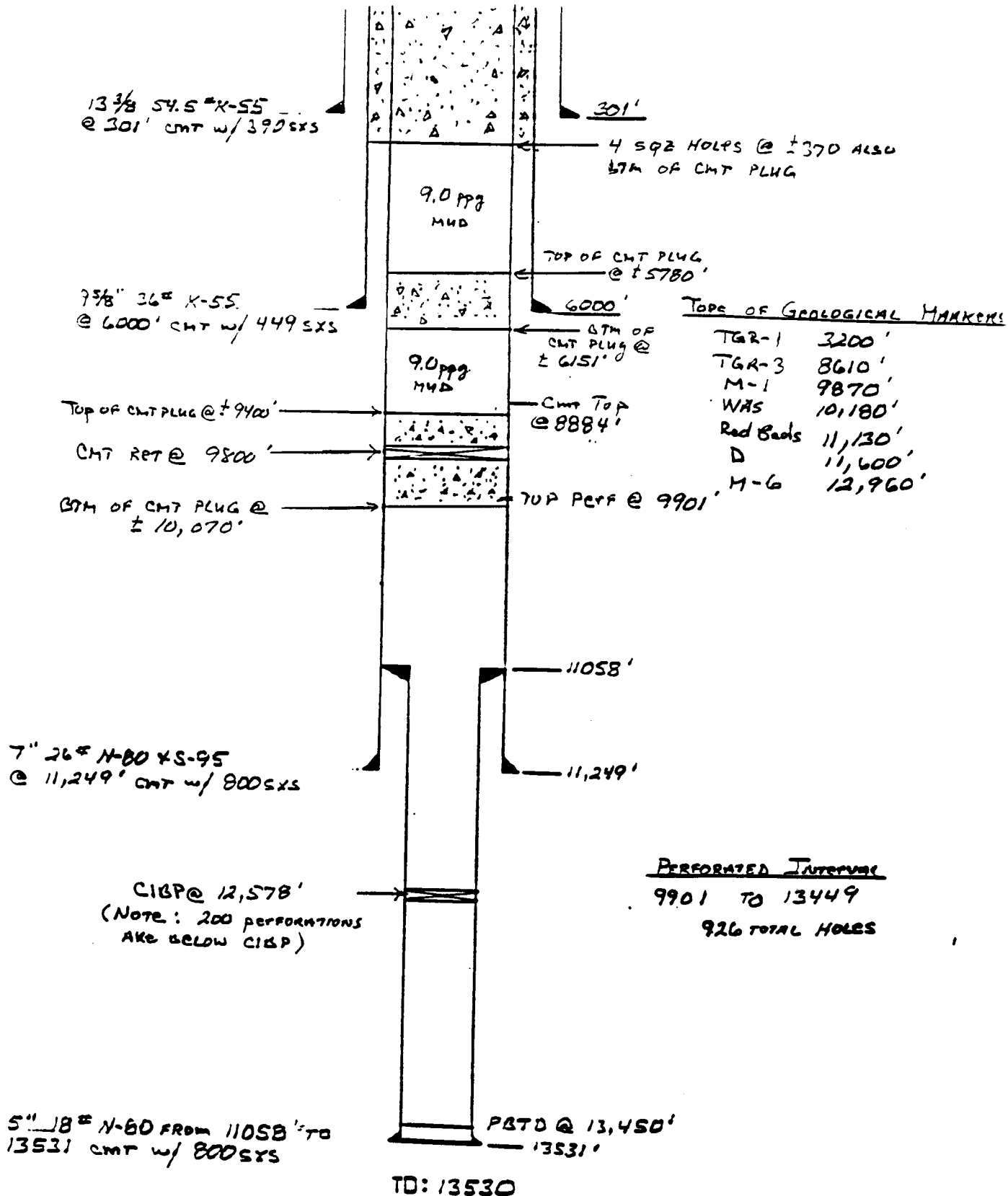


# PROPOSED WELLBORE SCHEMATIC

Ute Tract #1-2025

S.C. Frutch

1/27/92



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1882' FNL and 768' FEL  
Section 20, T2S, R5W

5. Lease Designation and Serial No.  
14-20-H62-2507

6. If Indian, Allottee or Tribe Name  
Ute Tribal

7. If Unit or CA, Agreement Designation

CA #96000143

8. Well Name and No.  
Ute #1-20B5

9. API Well No.  
43-013-30376

10. Field and Pool, or Exploratory Area

Altamont/Bluebell

11. County or Parish, State

Duchesne County, UT

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the plug and abandonment procedure performed on the above-referenced well.

Surface restoration is to follow per BIA/BLM stipulations.

**RECEIVED**

**JUL 22 1992**

**DIVISION OF  
OIL GAS & MINING**

4. I hereby certify that the foregoing is true and correct

Signed Charles R. Ramsey Title Regulatory Analyst

Date 7/20/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE TRIBAL #1-20B5 (PLUG & ABANDONMENT)  
ALAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 75.000% ANR AFE: 63928  
TD: 13,530'  
5" LINER @ 11,058'-13,530'  
PERFS: 9,901'-13,449' (L. GREEN RIVER/WASATCH)  
CWC(M\$): \$50.4

Page 3

- 7/6/92 RU Dialog. Spot rig in, RU rig. Remove HH. Hot oiler bled off csg, pmpd 60 bbls down csg. PU pull pump off seat. Flush rods w/60 bbls. LD polish rod, 6' sub. LD 119 - 1", 130 - 7/8", 180 - 3/4", 2 - 1". LD pump. Close tbg in. Leave csg open to treater. Change equip to 2-7/8" tbg. SDFN @ 6:00 p.m.  
DC: \$3,075 TC: \$3,075
- 7/7/92 RIH w/tbg, retainer. Hot oiler bled off csg, tbg, pmpd 70 bbls prod wtr down tbg. Pmpd 50 bbls down csg. RU Delso, cut wax in tbg to 10,400'. POOH. RD Delso. Flush tbg w/40 bbls prod wtr. RU Dialog to log tbg. Log tbg from 10,822' to sfc - 350 jts 2-7/8": 322 jts 0-30%, 17 jts 35-115%, 1 jt 50-100% (btm not logged). Remove pmpg tee. Release anchor (anchor hanging up) - install BOP's. RU floor. LD 33 jts 2-7/8". POOH w/317 jts 2-7/8", 4', 4 1/2" PBGA, 1 jt 2-7/8", 2-7/8" plug, 2-7/8" perf jt, 4' 7" anchor catcher. RIH w/Mtn States 7" Arrow sliding valve cmt retainer, 210 jts 2-7/8". Close well in. SDFN.  
DC: \$5,811 TC: \$8,886
- 7/8/92 Perforate. Bleed off csg, tbg. Cont to RIH w/tbg, retainer. Set 7" retainer @ 9800'. Pump 181 bbls prod wtr down csg. Raise FL to  $\pm 3500'$ . Inject thru retainer 62 bbls prod wtr, 10 BFW, 50 sx Class "G" cmt w/1% WR-15, 2 BFW, 53 bbls prod wtr. Pull stinger out of retainer. Load hole w/96 bbls prod wtr. PT to 500 psi. Circ well down tbg - get gas out of csg. Pump 10 BFW, 75 sx Class "G" cmt w/1% WR-15, 2 BFW, 52 bbls prod wtr. Balanced plug. Cmt plug @ 9800'-9400'. LD 14 jts 2-7/8". Rev circ 62 bbls prod wtr. Pump down tbg 122 bbls, 9# mud, 35 bbls prod wtr, 9# mud from 9400'-6200'. LD 104 jts 2-7/8". POOH w/197 jts 2-7/8", stinger. Fill csg w/15 bbls prod wtr. SDFN.  
DC: \$6,368 TC: \$15,254
- 7/9/92 RIH w/retainer. RU Cutters to perf. RIH, perf 7" csg w/4 shots @ 6151'. POOH. RD Cutters. Try to circ up 9-5/8", it will circ. RIH to 6140' w/197 jts 2-7/8". Pump 10 BFW, 122 sx Class "G" cmt, 30 bbls prod wtr. Cmt plug @ 6151'-5780'. LD 20 jts 2-7/8", EOT @ 5550'. Circ 105 bbls 9# mud, 17 bbls prod wtr, top of mud @ 2820'. LD 88 jts 2-7/8", POOH w/89 jts 2-7/8". RU Cutters to perf. Perf 4 SPF @ 2820'. POOH. RIH w/89 jts 2-7/8". Try to circ well - pump 30 bbls prod wtr. Can't get pressure (decide to run retainer). POOH w/89 jts 2-7/8". Close well in. Clean cellar. Shovel out cellar to 13-3/8" valve. SDFN.  
DC: \$10,290 TC: \$25,544
- 7/10/92 Pull csg. RIH w/7" Arrow sliding valve cmt retainer, 89 jts 2-7/8". Set retainer @ 2770'. Pump 10 bbls FW, 72 sx Class "G" cmt w/3% CaCl<sub>2</sub>. Sting out of retainer. Pump 20 sx cmt, 2 BFW, 9 bbls prod wtr. TOC @ 2643'. Pull 5 jts 2-7/8", rev circ. Circ mud 86 bbls to 370'. LD 84 jts 2-7/8", retainer stinger. RD floor. Remove BOP's. Install donut. Pump down 7" out 9-5/8", 13-3/8" get circ. Pump down 9-5/8" out 13-3/8" pump 240 sx, lose circ. 13-3/8" csg on vacuum. SD, wait for cmt to harden. Pump down 13-3/8". Try to circ out 7", 9-5/8" prod wtr poor circ. Decide to pull csg. SDFN @ 8:00 p.m.  
DC: \$8,301 TC: \$33,845

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE TRIBAL #1-20B5 (PLUG & ABANDONMENT)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 75.000% ANR      AFE: 63928

Page 4

- 7/11/92      RD rig. Knock off tbg spool. RU Dialog to cut csg. Cut 7" csg @ 350'. Remove slips. PU Graco spear. Latch onto 7" csg. PU - free. RU Westates csg. LD 8 jts 7" csg tally. RD Westates. RU Dialog to cut 9-5/8" csg. Cut csg @ 350'. POOH. PU spear. Latch onto 9-5/8" csg. Pull to 180,000# No go. LD spear. RIH w/collar locator. Try to find csg cut - not free. POOH. Set off primer charge. PU on csg. Pull to 200,000# slips move slightly. RU Dialog. Cut 9-5/8" csg @ 340'. POOH. PU spear. Pull up 4'. Csg stuck, pull to 200,000# No go. RU to freepoint. Csg stuck @ 332'. RIH with 9-5/8" cutter. Cut csg @ 280'. PU. LD 6 jts 9-5/8". RD Westates. RIH with 10 jts 2-7/8", EOT @ 337'. Pump 111 sx "G" cmt, 4% CaCl<sub>2</sub>. POOH w/10 jts 2-7/8". Wait for 1-1/2 hrs for cmt to harden. RIH to 231' Tag cmt. Plug @ 231-390'. Pull to 90'. Circ 83 sx to sfc. LD 3 jts. Fill 13-3/8" to sfc. Good enough. SDFN mid.  
DC: \$27,091      TC: \$60,936
- 7/13/92      Well is P&A'd. Erect DHM. P&A completed 10:30 a.m., 7/12/92. RD rig. Load out equip. Clean location. Road rig off. Final report.  
DC: \$3,388      TC: \$64,324

COASTAL ALTAMONT

ID:8014543970

JUL 14 '92

5:51 No.001 P.08

COASTAL OIL &amp; GAS CORP.

Service Co. Wojcik #29Field- AltamontWell Ute 1-2085Cnty Duchesne State UtDate July 14, 1992Foreman Bill McGaugheySurf-  
90' Plug  
← 83 sacks <sup>KB 30'</sup> "G" cement231'-  
390' Plug  
← 111 sack "G" w/4% <sup>CSG DATA</sup> CaCl<sub>2</sub>Plug 244'-  
314' 90 BPG Mud  
← 20 sacks Class G314' M. States 7" sliding Valve  
Cement Retainer @ 2770'  
← 72 Sack Class "G" w/5% CaCl<sub>2</sub>Plug 314'-  
5780'-150' 90 BPG Mud  
← 122 sacks Class "G"  
6000'

← @ 7" 350' - 11,249

Plug 400-9800 90 BPG Mud  
← 75 sacks Class "G" Cement  
← M. States 7" sliding Valve  
Cement Retainer @ 9800  
← 50 sacks Class "G"

← LTR 14,058'

11,249

M. States  
CIBP @ 12,578  
Set 5-17-91

200 Perfs Below CIBP

PBDT 13,450

T.D. 13,531

SIZE	WT.	GRADE	FROM	TO	
13 3/8	54.5#	K-55	Surf	201'	
9 5/8	36#	K-55	270'	6000'	cut off 270 feet
7"	26#	N-80 S-95	350'	11,249	cut off 350' feet
5"	18#	N-80	14,058	13,531	

## BRIEF COMPLETION SUMMARY

A- 83 sacks "G" Cement plug 0-90' 13 3/8  
 B- 111 sacks "G" Cement plug 231'-390' 13 3/8, 9 5/8 7"  
 C- 20 sacks "G" @ 244', Retainer @ 2770', 72 sacks "G" below re.  
 D- 122 sacks "G" @ 5780'-6150'  
 E- 75 sacks "G" @ 9400', retainer @ 9800' 50 sacks "G" below ret.

## FINAL STATUS

Dry hole marker welded on 13 3/8 flange.